

REPORT OF THE
DEPARTMENT OF MINES
OF
PENNSYLVANIA

PART I—ANTHRACITE

1921 - 1922

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Commonwealth of Pennsylvania

REPORT

OF THE

Department of Mines

OF PENNSYLVANIA



PART I--Anthracite

1921-1922

LETTER OF TRANSMITTAL

Department of Mines,

May 29, 1925

To His Excellency, Gifford Pinchot, Governor of Pennsylvania.

Sir: In compliance with the Acts of April 14, 1903 and April 18, 1919, I beg to submit herewith the reports of the Department of Mines for the years ending December 31, 1921 and 1922. Part I covers in detail the operations in the twenty-five Anthracite Districts, and Part II the operations in the thirty Bituminous Districts, as returned by the Inspectors.

Respectively submitted,

JOSEPH J. WALSH,

Secretary of Mines.

REPORT

of the

DEPARTMENT OF MINES

INTRODUCTION

The years covered by this report, 1921-1922, were marked by extreme dullness of trade in 1921 and disastrous strikes in 1922, lasting practically from April 1 to September 11. The production during the latter year was reduced to the lowest figures since 1902.

The total amount of coal produced in Pennsylvania in 1921 was 204,805,776 net tons; in 1922, 162,220,247 net tons. In the anthracite region the production in 1921 was 90,358,642 tons; in 1922, 53,910,201 tons. In the bituminous region the production in 1921 was 114,447,134 tons; in 1922, 108,310,046 tons.

The number of employes in and about the mines was 362,345 in 1921; 354,510 in 1922. In the anthracite region the number was 161,926 in 1921; 159,880 in 1922. In the bituminous region the number was 200,419 in 1921; 194,630 in 1922.

The production of coke in the bituminous region in 1921 was 4,876,289 net tons; in 1922, 7,692,899 net tons.

I. ACCIDENTS

A—Causes of Fatal Accidents, by Counties, 1921

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total
INSIDE										
Falls of coal at face, -----				1	15	3	10			29
Falls of coal at pillar work, -----	1			4	7	2	4			18
Falls of coal on gangway, -----					2	1	1			4
Falls of slate at face, -----					1		2			3
Falls of roof at face, -----	1			29	38	5	19	1		93
Falls of roof at pillar work, -----		1		20	18	2	4		2	47
Falls of roof on gangway, tunnel, -----		1		2	12	1	3			19
Falls of roof in chamber, -----				2	3					5
Falls of roof in heading, airway, crosscut, -----				1	1		1			3
Falls of roof in chute, -----	1				2					3
Falls of roof on slope, plane, -----			1		1		1			3
Cars on gangway, -----	1	1	1	8	23	2	10			46
Cars on slope, plane, -----					4		4			8
Cars at foot of shaft, slope, -----				3	6					9
Cars in chamber, -----				3	2		1			6
Explosions of gas at face, -----	1			1	12	3	4			21
Explosions of gas at pillar work, -----							4			4
Explosions of gas on gangway, -----					1		7			8
Explosions of gas in chamber, -----				2	3	3	4			12
Explosions of gas in heading, airway chute, -----			1			1	7			9
Explosions of gas in old workings, -----				2	6					8
Suffocated by gas at face, -----				1			3			4
Suffocated by gas at pillar work, -----					1					1
Suffocated by gas in chamber, heading, chute, -----			2							3
Explosions of powder and dynamite, -----						3	3			6
Blasts, premature or otherwise, -----		2		21	21	6	13			63
Falling down shaft, -----				4	3					7
Objects falling down shaft, -----				1	2					3
Struck by descending cage, -----					1					1
Electricity on gangway, -----				1			3			4
Animals, -----						1	2			3
Fall of person, -----	1				2	6	4			13
Hand tools, -----	1									1
Handling coal—infection, -----				1						1
Heavy lifting—strained, -----				1	2					3
Machinery, -----				1		1				2
Rush of coal or rock, -----			2		1	1	7			11
Rush of water, -----					2					2
Smothered by slush, -----						2				2
Struck by rail-unloading, -----					1					1
Struck by loose rock or coal, -----				1	3	1	2			7
Struck by rope, -----				1	1					2
Struck by timber (dislodged or being handled), -----					1		3			4
Total inside, -----	7	5	7	111	198	44	127	1	2	502
OUTSIDE										
Cars, -----	2			3	3		6			14
Railroad cars, -----				1	2					3
Machinery, -----	1			3	3	2	4			13
Electricity, -----				1		1	2			4
Fall of person, -----				1	2					3
Flying objects, -----	1									1
Object falling from car, -----					1					1
Chute breaking down, -----							1			1
Handling material—infection, -----				1			1			2
Overcome by heat—cleaning boiler, -----				1						1
Squeezed between loft and bale of hay, -----					1					1
Total outside, -----	4			11	12	3	14			44
Grand total, -----	11	5	7	122	210	47	141	1	2	546
Per cent, -----	2.01	.91	1.28	22.35	38.46	8.61	25.83	.18	.37	100.00

A—Causes of Fatal Accidents, by Counties, 1922

Causes	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Total
INSIDE										
Falls of coal at face, -----	1			1	5	3	4			14
Falls of coal at pillar work, -----				1	5		2			8
Falls of coal in chamber, -----					2					2
Falls of slate at face, -----				1	1	2	5			9
Falls of slate at pillar work, -----					1		2			3
Falls of slate on slope, -----							1			1
Falls of roof at face, -----				16	16	1	3			36
Falls of roof at pillar work, -----				9	13		1	1	1	25
Falls of roof on gangway, -----	1	1		3	5		2			12
Falls of roof in chamber, -----				1	2					3
Falls of roof on slope, -----				2	1					3
Falls of roof in airway, -----					1					1
Falls of roof in old workings, -----				4						4
Cars on gangway or tunnel, -----				3	14	4	9			30
Cars on slope, plane, -----				1	8	1	2		1	13
Cars at face, chamber, -----				3	3					6
Explosions of gas at face, -----					5		2			7
Explosions of gas in chamber, -----	1				2		1			4
Explosions of gas in tunnel, -----					4					4
Explosions of gas in chute, plane, old workings, -----				1	1		1			3
Suffocated by gas at face, -----					1		1			2
Explosion of dynamite in pillar work, -----						1				1
Blasts—premature or otherwise, -----				21	9	3	1	2		36
Falling down shaft, -----				1	2					3
Object falling down shaft, -----				1						1
Struck by cage, -----				1						1
Electricity on gangway, -----				1	1		1			3
Animals, -----					3					3
Fall of person, -----				1	1	2				4
Heart failure—trying to overtake mule, -----					1					1
Rush of coal, -----			1				2			3
Striking against roof or timber— riding, -----							2			2
Struck by loose material, -----				1			4			5
Struck by flying coal—drilling, -----							1			1
Struck by door of mine car, -----					1					1
Struck by prop (dislodged or being handled), -----				1	1	1				3
Struck by pulley, -----				1						1
Struck by timber that rolled off car, -----					1					1
Total inside, -----	3	1	1	75	110	18	47	3	2	260
OUTSIDE										
Cars, -----	1				4	1	7			13
Railroad cars, -----	1				2		1			4
Machinery, -----				1	2		2	1		6
Electricity, -----							1			1
Steam shovel, -----							1			1
Animals, -----				1						1
Burned by acetylene torch, -----				1						1
Burned by steam from hot ashes -----							1			1
Explosion of air receiver—testing drill, -----					1					1
Explosion of steam turbine cylinder -----							1			1
Fell off railroad car, -----					1					1
Run over by auto truck, -----					1					1
Rush of rock or culm, -----	1						1			2
Struck by loose material, -----				1		1	2			4
Struck by rope, -----					1					1
Struck by timber thrown by ex- plosion of dynamite, -----							1			1
Total outside, -----	3			4	12	2	18	1		40
Grand total, -----	6	1	1	79	122	20	65	4	2	300
Per cent., -----	2.00	.33	.33	26.33	40.67	6.67	21.67	1.33	.67	100.00

B—Accidents in Which Five or More Persons Were Killed, 1847-1922

Date	Name of colliery	Location of colliery	Cause of accident	Killed
1847	Spencer, -----	Pottsville, -----	Explosion of gas, -----	7
1869	Avondale, -----	Plymouth, -----	Mine fire, -----	179
1870	Potts, -----	Locust Dale, -----	Boiler explosion, -----	5
	Heins and Glassmire, -----	Middleport, -----	Cage falling down shaft, -----	9
	Preston No. 3, -----	Girardville, -----	Car falling down slope, -----	7
1871	West Pittston, -----	West Pittston, -----	Suffocation by smoke from burning breaker, -----	20
	Otto Red Ash, -----	Branch Dale, -----	Explosion of gas, -----	5
1873	Henry Clay, -----	Shamokin, -----	Explosion of gas, -----	10
1877	Wadesville, -----	Wadesville, -----	Explosion of gas, -----	7
1878	Potts, -----	Locust Dale, -----	Explosion of gas, -----	5
1879	Andenried, -----	Andenried, -----	Explosion of gas, -----	6
	Mill Creek, -----	Mill Creek, -----	Explosion of gas, -----	5
1880	Lykens Valley, -----	Shamokin, -----	Explosion of gas, -----	5
1882	Kohinoor, -----	Shamokin, -----	Explosion of gas, -----	5
1884	Buck Ridge, -----	Shamokin, -----	Explosion of gas, -----	7
1885	Cuyler, -----	Raven Run, -----	Mine fire, -----	10
	West End, -----	Mocanaqua, -----	Fall of roof, -----	10
	Plymouth No. 2, -----	Plymouth, -----	Suffocation by gas from boiler fire, -----	6
	Nanticoke No. 1, -----	Nanticoke, -----	Explosion of gas, -----	26
1886	Fair Lawn, -----	Scranton, -----	Inrush of quicksand, -----	6
	Marvine, -----	Scranton, -----	Explosion of gas, -----	8
	Conyngham, -----	Wilkes-Barre, -----	Suffocation by gas, -----	12
1887	Tunnel, -----	Wilkes-Barre, -----	Suffocation by gas, -----	5
	Bast, -----	Ashtand, -----	Suffocation by gas, -----	5
1889	Kaska William, -----	Big Mine Run, -----	Explosion of gas, -----	10
1890	Nottingham, -----	Middleport, -----	Car falling on cage in shaft, -----	8
	South Wilkes-Barre No. 3, -----	Plymouth, -----	Explosion of gas, -----	8
	Susquehanna No. 4, -----	Wilkes-Barre, -----	Explosion of gas, -----	5
1891	Jersey No. 8, -----	Nanticoke, -----	Explosion of gas, -----	28
	Spring Mountain No. 1, -----	Ashley, -----	Drowned by water from old workings, -----	18
	Richardson, -----	Glen Carbon, -----	Suffocation by gas, -----	7
1892	Susquehanna No. 1, -----	Nanticoke, -----	Suffocation by gas, -----	12
	Lytle, -----	Nanticoke, -----	Explosion of gas, -----	10
1893	York Farm, -----	Minersville, -----	Drowned by water from old workings, -----	15
	Nelson, -----	Pottsville, -----	Explosion of gas, -----	10
	Susquehanna No. 1, -----	Shamokin, -----	Mine fire, -----	5
1894	Lance No. 11, -----	Nanticoke, -----	Explosion of gas, -----	6
	Gaylord, -----	Plymouth, -----	Explosion of gas, -----	13
	East Sugar Loaf, -----	Plymouth, -----	Fall of roof, -----	8
	Luke Fidler, -----	Stockton, -----	Explosion of powder and dynamite, -----	5
1895	Henry Clay, -----	Shamokin, -----	Mine fire, -----	6
	West Bear Ridge, -----	Shamokin, -----	Boiler explosion, -----	5
1896	Dorrance, -----	Mahanoy Plane, -----	Explosion of gas, -----	7
	Twin, -----	Wilkes-Barre, -----	Explosion of gas, -----	58
	South Wilkes-Barre No. 3, -----	Pittston, -----	Fall of roof, -----	6
		Wilkes-Barre, -----	Explosion of gas, -----	6

1897	Jan. 13, -----	Wadesville, -----	Crosshead falling down shaft, -----	5
	Sept. 28, -----	Jermyn No. 1, -----	Mine fire, -----	5
1898	Oct. 30, -----	Von Storch, -----	Mine fire, -----	6
	May 26, -----	Kaska William, -----	Drowned by water from old workings, -----	6
	Oct. 1, -----	Midvale, -----	Mine fire, -----	5
1900	Nov. 5, -----	Exeter, -----	Car falling on cage in shaft, -----	9
1901	Nov. 9, -----	Buck Mountain, -----	Explosion of gas, -----	7
1902	Oct. 25, -----	Buttonwood, -----	Explosion of gas, -----	6
	Nov. 29, -----	Luke Fidler, -----	Explosion of gas, -----	7
1904	Dec. 9, -----	South Wilkes-Barre, -----	Explosion of powder and dynamite, -----	5
	Jan. 30, -----	Maple Hill, -----	Explosion of powder and dynamite, -----	5
	May 5, -----	Lance, -----	Mine fire, -----	5
	May 5, -----	Locust Gap, -----	Suffocation by gas from mine locomotive, -----	10
	May 25, -----	Williamstown, -----	Falling down shaft, -----	10
1905	Nov. 2, -----	Auchincloss, -----	Nanticoke, -----	5
	Feb. 18, -----	Lytle, -----	Fall of roof, -----	5
	March 9, -----	Clear Spring, -----	Falling down shaft, -----	7
1906	April 26, -----	Conyngham, -----	Falling down shaft, -----	10
	May 15, -----	Shenandoah City, -----	Explosion of powder and dynamite, -----	7
1907	Aug. 6, -----	Susquehanna No. 7, -----	Explosion of gas, -----	6
	March 2, -----	Holden, -----	Explosion of gas, -----	7
1908	June 18, -----	Johnson No. 1, -----	Explosion of gas, -----	12
	May 12, -----	Mount Lookout, -----	Explosion of gas, -----	5
	May 13, -----	Prospect, -----	Explosion of gas, -----	6
	July 15, -----	Williamstown, -----	Fall of roof, -----	7
1909	Aug. 28, -----	Warrior Run, -----	Explosion of powder and dynamite, -----	6
	March 2, -----	Pennsylvania No. 14, -----	Mine cars, -----	8
1910	Nov. 9, -----	Auchincloss, -----	Explosion of gas, -----	9
	Jan. 11, -----	Nottingham, -----	Mine fire, -----	7
1911	March 12, -----	South Wilkes-Barre No. 5, -----	Explosion of gas, -----	7
	April 7, -----	Pancoast, -----	Mine fire, -----	72
	May 27, -----	Cameron, -----	Explosion of gas, -----	5
	Sept. 12, -----	Marvine, -----	Mine cars, -----	5
1912	Oct. 3, -----	Drifton No. 2, -----	Cave-in, -----	5
1913	Jan. 9, -----	Parrish, -----	Explosion of gas, -----	6
1914	Aug. 2, -----	East Brookside, -----	Explosion of gas, -----	20
	May 29, -----	Maryd, -----	Overwinding of cage, -----	6
	Sept. 16, -----	Lehigh No. 4, -----	Explosion of gas, -----	7
1915	Dec. 9, -----	Diamond, -----	Falling down shaft, -----	13
1916	Feb. 17, -----	Prospect, -----	Explosion of gas, -----	13
	Feb. 8, -----	Lance No. 11, -----	Explosion of gas, -----	7
	March 9, -----	Hollenback No. 2, -----	Explosion of gas, -----	6
1919	Aug. 8, -----	Woodward, -----	Explosion of gas, -----	6
	June 5, -----	Baltimore No. 5 (Baltimore Tunnel), -----	Explosion of powder and dynamite, -----	92
1921	July 8, -----	Lansford, -----	Explosion of gas, -----	8
1922	March 9, -----	Rahn, -----	Explosion of gas, -----	5
	Nov. 3, -----	Eddy Creek, -----	Premature explosion of blast, -----	6

Note:—January 12, 1946—At 8. A. M. there was a subsidence of several acres of the surface at drifts Nos. 1 and 2 of the Delaware and Hudson mines at Carbondale, Luzerne (now Lackawanna) County. About 30 miners were at work in the vicinity of the cave-in, 14 of whom were killed. Only 6 bodies were recovered. Accounts of this disaster were published in the Miners' Weekly Journal. Pottsville, January 17 and 24, 1946.

August 14, 1871—At 9 A. M. an explosion of gas occurred at the Eagle Shaft mine near Pittston, in which 17 men were killed. The Public Ledger, Philadelphia, in its issue of August 16, 1871, gives a brief account of this disaster.

C—Occupations of Persons Fatally Injured, by Counties, 1921

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Susquehanna	Wayne	Total	Per cent
INSIDE											
Mine foremen, -----				1	2					3	.60
Assistant mine foremen, -----					5					5	1.00
Fire bosses, -----				2	2	1				5	1.00
Miners, -----	6	3	5	57	105	30	91	1	2	300	59.76
Miners' laborers, -----				28	40	6	12			86	17.13
Machine runners and scrapers, -----				1						1	.20
Motormen, -----				1	1		1			3	.60
Motormen's assistants, -----				1	3					4	.80
Drivers and runners, -----		1		2	13	1	6			23	4.58
Trackmen, -----				1			1			2	.40
Bratticemen, -----							1			1	.10
Timbermen and rockmen, -----			1	3	1	1				6	1.19
Electricians, -----							1			1	.20
Doorboys, -----				1	4					5	.99
All other employes, -----	1	1	1	13	22	5	14			57	11.35
Total inside, -----	7	5	7	111	198	44	127	1	2	502	
Per cent, -----	1.39	1.00	1.39	22.11	39.44	8.77	25.30	.20	.40		100.00
OUTSIDE											
Foremen, -----					1					1	2.27
Carpenters, -----				1	1		1			3	6.82
Engineers and firemen, -----					2		1			3	6.82
Slatepickers (boys), -----							1			1	2.27
All other employes, -----	4			10	8	3	11			36	81.82
Total outside, -----	4			11	12	3	14			44	
Per cent, -----	9.09			25.00	27.27	6.82	31.82				100.00
Grand total, -----	11	5	7	122	210	47	141	1	2	546	

C—Occupations of Persons Fatally Injured, by Counties, 1922

Occupations	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Total	Per cent
INSIDE											
Mine foremen, -----				1	2					3	1.15
Assistant mine foremen, -----				1	5		1			7	2.65
Fire bosses, -----					2		1			3	1.15
Miners, -----	2		1	33	42	12	27	2	2	127	48.85
Miners' laborers, -----	1			19	21		7	1		49	18.85
Motormen, -----		1		2	2					5	1.92
Motormen's assistants, -----				1	1					2	.77
Drivers and runners, -----					5	3	3			11	4.23
Trackmen, -----					3					3	1.16
Timbermen and rockmen, -----				6	1					7	2.69
Electricians, -----				1						1	.39
Doorboys, -----					2	1	2			5	1.92
All other employes, -----				11	18	2	6			37	14.23
Total inside, -----	3	1	1	75	110	18	47	3	2	260	
Per cent, -----	1.15	.38	.39	28.85	42.31	6.92	18.08	1.15	.77		100.00
OUTSIDE											
Foremen, -----							1			1	2.50
Carpenters, -----	1									1	2.50
Engineers and firemen, -----							1			1	2.50
Machinists, -----					1		1			2	5.00
Slatepickers (boys), -----				1						1	2.50
All other employes, -----	2			3	11	2	15	1		34	85.00
Total outside, -----	3			4	12	2	18	1		40	
Per cent, -----	7.50			10.00	30.00	5.00	45.00	2.50			100.00
Grand total, -----	6	1	1	79	122	20	65	4	2	300	

D—Nationality of Persons Fatally Injured, by Counties, 1921

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per cent
INSIDE												
American, -----	1	3	6	25	49	21	41				146	29.08
Austrian, -----	2			6	7	1	13			2	31	6.18
English, -----				2	4						6	1.19
Finnish, -----					1						1	.20
German, -----				2	1						3	.60
Greek, -----					1						1	.20
Irish, -----				6	7						13	2.59
Italian, -----	1			15	16		10				42	8.36
Lithuanian, -----				9	23	3	29				64	12.75
Magyar, -----					1						1	.20
Mexican, -----					1						1	.20
Polish, -----		2		33	56	14	17		1		123	24.50
Russian, -----	1			2	15	2	5				25	4.98
Scotch, -----				1							1	.20
Slavonian, -----	2			6	8	2	9				27	5.38
Spanish, -----				2	1						3	.60
Swedish, -----					2		1				3	.60
Syrian, -----							2				2	.40
Ukrainian, -----				1							1	.20
Welsh, -----			1	1	5	1					8	1.59
Total inside, ---	7	5	7	111	198	44	127		1	2	502	
Per cent, -----	1.39	1.00	1.39	22.11	39.44	8.77	25.30		.20	.40		100.00
OUTSIDE												
American, -----	4			7	5	2	11				29	65.91
Austrian, -----					1		1				2	4.55
English, -----					1						1	2.27
German, -----					1						1	2.27
Italian, -----				2	1						3	6.82
Polish, -----				1	2	1	1				5	11.36
Slavonian, -----				1	1						2	4.55
Syrian, -----							1				1	2.27
Total outside, ---	4			11	12	3	14				44	
Per cent, -----	9.09			25.00	27.27	6.82	31.82					100.00
Grand total, ---	11	5	7	122	210	47	141		1	2	546	

D—Nationality of Persons Fatally Injured, by Counties, 1922

Nationality	Carbon	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per cent
INSIDE												
American, -----	1	1	1	13	34	10	16				76	29.23
Austrian, -----	1			5	5		3		1		15	5.77
English, -----				2	1				1		4	1.54
Greek, -----							2				2	.77
Irish, -----				8	3						11	4.23
Italian, -----	1			8	8	1	5				23	8.85
Lithuanian, -----				8	8	2	9				27	10.38
Magyar, -----				1		1					2	.77
Norwegian, -----					1						1	.38
Polish, -----				17	27	4	4	1			53	20.38
Russian, -----				4	12		3	2			21	8.08
Scotch, -----				1							1	.38
Slavonian, -----				2	4		4				10	3.85
Spanish, -----					1						1	.38
Swedish, -----					1						1	.39
Welsh, -----				6	5		1				12	4.62
Total inside, ----	3	1	1	75	110	18	47	3	2		260	
Per cent, -----	1.15	.38	.39	28.85	42.31	6.92	18.08	1.15	.77			100.00
OUTSIDE												
American, -----	1			3	9	1	9	1			24	60.00
Austrian, -----					1		2				3	7.50
Greek, -----							1				1	2.50
Hungarian, -----	1										1	2.50
Irish, -----				1							1	2.50
Italian, -----							2				2	5.00
Lithuanian, -----							1				1	2.50
Polish, -----					1	1					2	5.00
Russian, -----					1		1				2	5.00
Slavonian, -----	1						1				2	5.00
Welsh, -----							1				1	2.50
Total outside, ----	3			4	12	2	18	1			40	
Per cent, -----	7.50			10.00	30.00	5.00	45.00	2.50				100.00
Grand total, ----	6	1	1	79	122	20	65	4	2		300	

E.—Nationality of Employes and Number Killed, 1921-1922

Nationality	1921						1922					
	Employes			Fatalities			Employes			Fatalities		
	Inside	Outside	Total	Falls	Total inside	Total outside	Inside	Outside	Total	Falls	Total inside	Total outside and outside
American	41,189	29,436	70,625	49	146	29	43,630	29,585	73,215	23	76	100
Arabian							5	2	2			
Armenian	6,673	2,549	9,222	10	31	2	6,205	2,121	8,326	4	15	18
Austrian	3	1	4				4	1	5			
Belgian	51	21	72				71	17	88			
Bohemian												
Bulgarian	1											
Canadian	11	6	17				42	8	50			
Croatian	39		39				17	1	18			
Czecho-Slovakian							20	1	21			
Danish	27	2	29				11	4	15			
Dutch	6		6				5		5			
English	2,141	611	2,752	1	6	1	1,817	589	2,406	3	4	4
Finnish,	41		41	1	1		9		9			
French	36	11	47				23	11	34			
German	873	484	1,357	3	3	1	991	454	1,445			
Granhish	3		3									
Greek	490	303	793	1	1		614	279	893	1	2	3
Horwat	113	31	144				143	26	169			
Hungarian	1,486	408	1,954				1,278	552	1,830			1
Irish	2,306	792	3,098	5	13		2,172	861	3,033	3	11	12
Italian	9,161	2,932	12,093	20	42	3	9,081	2,880	11,961	15	23	25
Jewish	1		1				1	2	3			
Lithuanian	11,401	698	12,099	36	64		11,279	766	12,045	12	27	28
Magyar	33		33	1	1						2	2
Mexican	38		38	1	1		35		35			
Montenegrin	77	2	79				99	1	100			
Norwegian	7		7				2		3			1
Polish	22,774	2,212	24,926	68	123	5	21,570	2,362	23,932	33	53	55
Portuguese	82	2	84				208	2	210			
Russian	7,065	1,230	8,295	13	25		6,116	1,243	7,359	15	21	23
Roumanian	2		2									
Scotch	310	116	426	1	1		359	130	489	1	1	1

Servian	23	9,276	10	27	2	19	17	3,021	17	5	10	2	12
Slavonian	7,270	2,000	1	3	---	3	6,277	11	8,298	---	1	---	1
Spanish	254	13	1	3	---	3	242	22	253	---	1	---	1
Swedish	455	17	---	3	---	---	91	32	113	---	---	---	---
Swiss	7	14	---	---	---	---	32	30	64	---	---	---	---
Syrian	21	29	1	2	1	3	18	---	48	---	---	---	---
Turkish	---	---	---	---	---	---	---	---	---	---	---	---	---
Tyrolean	506	59	---	---	---	---	418	20	438	---	---	---	---
Ukrainian	136	21	1	1	---	1	172	27	139	---	---	---	---
Welsh	2,383	471	4	8	---	8	2,214	530	2,744	6	12	1	13
Total	117,395	44,531	227	502	44	546	115,288	44,542	154,880	121	260	40	300

F—Operators Having Fatalities, 1921

Operators	Causes of fatalities inside						Fatalities inside per 1,000 employes	Causes of fatalities outside					Fatalities inside and outside per 1,000,000 tons produced
	Falls	Cars	Gas	Electricity	Miscellaneous	Total		Cars	Machinery	Electricity	Miscellaneous	Total	
Alden Coal Co.,		1	2		4	3						3.80	7.54
Alliance Coal Mining Co.,	2					6						11.41	30.69
Archbald Coal Co.,												3.56	15.42
Buck Ridge Coal Mining Co.,					3							8.24	15.02
Buck Run Coal Co.,	1	2	2		1	6						11.07	19.22
Colonial Colliery Co.,					1	1				1		3.13	5.35
John Conlon,	1					1						7.69	14.88
Coxe Brothers & Co., Inc.,												4.09	5.04
Cranberry Creek Coal Co.,	5	1			5	11						4.47	5.93
Darkwater Coal Co.,	3	1			1	5				1		5.71	9.45
Charles M. Dodson & Co.,												1.98	3.29
East Bear Ridge Colliery Co.,	1					1						2.33	3.44
East Boston Coal Co.,												2.40	5.78
Eclipse Coal Co.,		1				1						40.00	357.91
Enterprise Coal Co.,	1					1						3.37	8.91
Excelsior Coal Co.,	1				1	2						9.90	13.22
Glen Alden Coal Co.,	1				2	3						3.62	5.34
Greenough Red Ash Coal Co.,	28	8	4	1	19	60					2	4.11	7.77
Harlock Mining Co.,					2	2						2.68	5.55
Harleigh-Brookwood Coal Co.,	1					1						1.32	2.83
Harwood Coal Co.,					1	1						2.59	9.24
Healey Coal Co.,	1					1						6.76	18.34
Hillman Coal Co.,	1					1						4.07	9.43
Hillside Coal & Iron Co.,	1					1						2.46	5.26
Hudson Coal Co.,	3				1	7						4.00	6.22
Jeddo-Highland Coal Co.,	35	8	5		15	63				1		3.19	6.83
Kingston Coal Co.,	4				1	5						2.47	5.32
Lackawanna Coal Co., Ltd.,	2	1	1			3						1.81	3.61
George F. Lee Coal Co.,		1				1						6.76	18.17
Legitts Creek Anthracite Co.,											1	2.67	5.00
Lehigh & Wilkes-Barre Coal Co.,	1		1			2						3.83	5.49
Lehigh Coal & Navigation Co.,	22	3	4		5	34						3.48	6.07
Lehigh Valley Coal Co.,	5	2	6	2	5	20					1	3.38	5.11
Locust Mountain Coal Co.,	20	10	7		7	44						3.48	4.55
Lytle Coal Co.,	1			1	1	3						12.89	25.30
Maryd Coal Co.,	3		6			9						6.96	9.67
Mid City Coal Co.,						1						5.08	12.65

F—Operators Having Fatalities, 1922

Operators	Causes of fatalities inside					Fatalities inside per 1,000 employees	Causes of fatalities outside				Fatalities inside and outside per 1,000 employees	Fatalities inside and outside per 1,000,000 tons produced
	Falls	Cars	Gas	Electricity	Miscellaneous	Total	Cars	Machinery	Electricity	Miscellaneous	Total	
Alden Coal Co.,	1	1				2					2.76	7.84
Black Heath Coal Co.,											47.62	147.45
Blackely Red Ash Coal Co.,											27.03	186.01
Buck Run Coal Co.,	1	1				2				1	3.67	9.28
Central Coal Co.,	2					2					11.49	48.45
Colonial Colliery Co.,					1	1					1.50	3.95
Connell Anthracite Coal Co.,	1					1					3.82	14.57
Coxe Brothers & Co., Inc.,	1					1	1			1	1.09	3.04
Cranberry Creek Coal Co.,											.77	1.82
East Boston Coal Co.,											1.83	7.38
Enterprise Coal Co.,					1	1					1.90	5.45
Excelsior Coal Co.,											3.60	7.44
Glen Alden Coal Co.,											2.72	7.86
Haddock Mining Co.,	24	9		1	6	40	1	1			1.31	3.82
Harleigh-Brookwood Coal Co.,	1					1					6.85	64.51
Healey Coal Co.,											3.38	29.69
Hillman Coal Co.,			1			1					1.31	4.89
Hillside Coal & Iron Co.,											2.37	7.30
Hudson Coal Co.,	3	1				4					.44	1.07
Jeddo-Highland Coal Co.,	14	4			17	35	2			3	1.62	5.95
Kingston Coal Co.,	1	1				2					1.81	5.44
Lackawanna Coal Co., Ltd.,	1					1					5.41	38.91
George F. Lee Coal Co.,		1				1					3.69	12.32
Legitts Creek Anthracite Co.,	1		1		1	3					2.40	6.43
Lehigh & Wilkes-Barre Coal Co.,	10	3	9		1	23					1.41	3.78
Lehigh Coal & Navigation Co.,	3		3			8					2	8.00
Lehigh Valley Coal Co.,	17	5	4	1	9	36	1			2	4.56	8.01
Locust Mountain Coal Co.,	1				1	2					1.40	4.13
Lytle Coal Co.,	1					1					2.34	5.11
Maryd Coal Co.,	1					1					1.61	5.10
Mill Creek Coal Co.,		1				1					7.09	38.11
W. Y. Moffat Coal Co.,		1				1					1.59	4.97
Mount Jessup Coal Co. Ltd.,											5.26	17.74
Mount Lookout Coal Co.,	1					1					9.17	22.98
Northern Anthracite Coal Co.,					2	2					1.37	4.98
Pennsylvania Coal Co.,	11	1			4	16		1			1.39	4.26
Philadelphia & Reading Coal & Iron Co.,	14	7	1		5	27	3	2	1	3		

Mining Company	No.	Acres	Feet	Cu. Yds.	Tons	Value
Pine Hill Coal Co.,	1	1	1	1	1	8.97
Pittston Coal Mining Co.,	1	1	1	1	1	10.64
Price-Pancoast Coal Co.,	1	1	1	1	1	3.57
Raven Run Coal Co.,	1	1	1	1	1	3.85
Repplier Coal Co.,	1	1	1	1	1	12.73
Saint Clair Coal Co.,	1	1	1	1	1	11.19
Seranton Coal Co.,	1	1	1	1	1	25.87
Shipman Coal Co.,	1	1	1	1	1	3.89
E. S. Stackhouse Coal Co.,	1	1	1	1	1	3.07
Suffolk Coal Co.,	3	4	4	4	4	1.10
Susquehanna Collieries Co.,	1	1	1	1	1	4.28
Temple Coal Co.,	3	4	4	4	4	18.52
Traders Coal Co.,	1	1	1	1	1	18.03
Trevorton Colliery Co.,	1	1	1	1	1	2.07
Von Storch Collieries Co.,	1	1	1	1	1	3.57
J. S. Wentz Co.,	1	1	1	1	1	6.12
West End Coal Co.,	1	1	1	1	1	10.11
						2.49
						4.74
						10.56
						13.45
						82.44
						2.63

G—Total Production, Production from Washeries, Employees, Fatalities, 1870-1922

Years	Employees	Fatalities	Total production (net tons)	Production from washeries (net tons)	Production per fatality	Fatalities per 1,000,000 tons produced
1870, -----	35,600	211	14,172,004	-----	67,166	14.89
1871, -----	37,488	210	15,532,252	-----	73,963	13.52
1872, -----	44,745	223	15,567,973	-----	69,811	14.32
1873, -----	48,199	264	21,001,521	-----	79,551	12.57
1874, -----	53,402	231	19,930,240	-----	86,278	11.59
1875, -----	69,966	238	23,402,646	-----	98,330	10.17
1876, -----	70,474	228	23,440,666	-----	102,810	9.73
1877, -----	66,842	194	24,727,213	-----	127,460	7.86
1878, -----	63,964	187	20,900,966	-----	111,770	8.95
1879, -----	68,847	262	31,036,600	-----	118,460	8.44
1880, -----	73,373	202	27,974,532	-----	138,488	7.22
1881, -----	76,031	273	34,202,558	-----	125,284	7.98
1882, -----	82,200	295	35,057,430	-----	118,839	8.41
1883, -----	91,421	322	37,747,369	-----	116,865	8.56
1884, -----	101,073	332	36,468,738	-----	109,846	9.10
1885, -----	100,320	332	38,232,155	-----	115,157	8.68
1886, -----	103,044	279	38,950,932	-----	139,609	7.16
1887, -----	106,517	316	42,156,300	-----	133,406	7.50
1888, -----	122,218	364	46,635,037	-----	128,118	7.81
1889, -----	119,646	397	43,650,768	-----	109,952	9.09
1890, -----	119,919	378	44,986,286	-----	119,011	8.40
1891, -----	123,308	423	49,701,322	-----	116,125	8.61
1892, -----	130,300	418	51,226,973	-----	122,533	8.16
1893, -----	138,069	456	52,841,110	-----	115,880	8.63
1894, -----	139,939	446	50,966,920	386,960 ¹	114,276	8.75
1895, -----	143,705	421	56,948,756	686,534	135,270	7.39
1896, -----	150,088	502	53,843,250	527,809	107,257	9.32
1897, -----	149,557	423	52,581,036	732,743	124,305	8.04
1898, -----	142,420	411	52,812,675	697,759	123,498	7.78
1899, -----	140,604	461	60,518,331	1,055,425	131,276	7.62
1900, -----	143,824	411	57,363,396	1,818,170	139,570	7.16
1901, -----	147,651	513	67,094,665	2,009,864	130,789	7.65
1902, -----	148,139	300	41,340,935	2,965,792	137,803	7.26
1903, -----	151,827	518	75,232,585	4,119,258	145,237	6.89
1904, -----	161,330	595	73,594,369	3,440,420	123,688	8.08
1905, -----	168,254	644	78,647,020	3,897,688	122,123	8.19
1906, -----	166,175	557	72,139,510	4,880,402	129,514	7.72
1907, -----	163,774	708	86,056,412	5,630,169	121,549	8.23
1908, -----	174,503	678	83,543,243	4,635,923	123,220	8.12
1909, -----	171,195	567	80,223,333	5,206,562	141,488	7.07
1910, -----	168,175	601	83,683,994	5,412,167	139,241	7.18
1911, -----	173,338	699	90,917,176	4,555,457	130,067	7.69
1912, -----	175,098	601	84,426,869	4,317,161	140,477	7.12
1913, -----	175,310	624	91,626,964	2,934,157	146,833	6.81
1914, -----	180,899	600	91,189,641	2,702,537	151,983	6.58
1915, -----	177,339	583	89,377,706	3,418,427	152,003	6.58
1916, -----	159,169	565	87,680,198	4,432,606	155,186	6.44
1917, -----	156,148	581	100,445,299	6,408,277	172,883	5.78
1918, -----	148,226	556	99,445,794	7,246,454	178,859	5.59
1919, -----	153,780	636	87,838,024	3,616,675	138,110	7.24
1920, -----	149,117	490	89,636,036	5,435,697	182,931	5.47
1921, -----	161,926	546	90,358,642	1,842,096	165,492	6.04
1922, -----	159,880	300	53,910,201	2,525,402	179,701	5.56
Total, -----	6,653,356	22,583	2,972,987,076	97,538,591	131,647	7.60

¹No accurate record previous to 1894

II Production
A—Tonnage (Net) 1921-1922

1921												
	Carton	Columbia	Dauphin	Lackawanna	Luzerne	Northumberland	Schuylkill	Sullivan	Susquehanna	Wayne	Total	Per Cent
Nature of use												
Shipped to market, ---	2,506,013	1,198,114	658,959	17,550,275	31,648,629	5,911,695	17,578,538	323,232	572,874	36,600	77,984,929	84.51
Consumed at collieries, ---	238,754	180,671	214,700	1,632,211	3,633,711	996,486	2,804,242	58,240	46,367	2,611	9,807,993	10.85
Sold locally, -----	57,918	23,790	37,887	512,829	1,400,862	176,162	332,227	8,297	15,421	327	2,565,720	2.84
Total production, ---	2,802,685	1,402,575	911,546	19,695,315	36,683,202	7,084,343	20,715,007	389,769	634,662	39,538	90,358,642	100.00
Per cent, -----	3.10	1.55	1.01	21.80	40.60	7.84	22.93	.43	.70	.04	-----	-----
Average days worked, ---	257	281	262	266	270	275	280	217	298	292	#271	-----
1922												
Nature of use												
Shipped to market, ---	1,743,038	746,787	485,033	9,963,906	17,615,932	3,562,442	10,871,807	182,239	321,618	21,422	45,514,224	84.43
Consumed at collieries, ---	197,684	127,875	173,938	881,162	2,118,118	762,994	1,879,968	34,720	34,906	892	6,212,209	11.52
Sold locally, -----	57,141	23,801	27,432	437,936	1,131,350	165,358	319,473	7,364	13,595	318	2,183,768	4.05
Total production, ---	1,997,813	898,463	686,403	11,283,004	20,865,400	4,490,794	13,071,248	224,323	370,121	22,632	53,910,201	100.00
Per cent, -----	3.70	1.67	1.27	20.93	38.70	8.33	24.25	.42	.69	.04	-----	-----
Average days worked, ---	154	138	148	131	145	155	156	113	160	143	#143	-----

Not including washeries.

B—Employees Classified by Occupation, 1921

	Districts												
	1	2	3	4	5	6	7	8	9	10	11	12	13
INSIDE													
Mine foremen, -----	21	16	13	11	11	25	17	24	18	21	16	18	21
Assistant mine foremen, -----	46	63	47	15	33	64	56	67	75	83	61	47	62
Fire bosses, -----	8	3	35	30	18	25	14	44	18	28	63	74	52
Miners, -----	1,637	1,728	1,574	864	1,805	2,026	1,646	2,531	1,786	1,980	1,884	2,142	2,408
Miners' laborers, -----	848	1,507	1,581	887	1,202	1,664	1,522	2,149	1,582	1,058	1,286	1,527	1,469
Machine miners, -----	49	19	11	82	16	1	-----	5	2	-----	-----	-----	-----
Machine runners and scrapers, -----	27	5	11	29	46	14	-----	-----	2	-----	-----	-----	-----
Drivers and runners, -----	267	435	525	368	175	300	211	494	500	593	560	586	327
Motormen and assistants, -----	164	290	228	128	217	307	202	564	117	156	130	153	239
Doorboys and helpers, -----	52	124	64	67	28	72	30	103	59	71	190	166	189
Trackmen and bratticemen, -----	129	144	119	76	120	136	126	226	159	179	184	210	219
Timbermen and rockmen, -----	21	51	94	89	49	86	97	83	111	202	161	136	170
Pumpmen and pipemen, -----	66	42	62	54	42	59	53	62	121	77	62	44	85
Electricians and helpers, -----	22	14	26	25	27	43	31	41	14	19	13	21	31
All other employees, -----	468	502	635	508	534	596	497	935	359	517	777	756	851
Total inside, -----	3,825	4,943	5,025	3,223	3,823	5,418	4,502	7,123	3,923	4,989	5,337	5,885	6,123
OUTSIDE													
Superintendents, -----	12	9	5	10	7	11	6	8	9	8	2	7	7
Foremen, -----	18	18	11	10	14	16	9	12	18	18	12	12	13
Blacksmiths and carpenters, -----	106	92	112	90	158	224	126	255	175	122	79	120	142
Engineers and firemen, -----	178	210	169	113	99	207	110	224	225	219	277	269	207
Machinists and helpers, -----	37	50	33	9	20	69	29	34	34	31	20	28	28
Trackmen and helpers, -----	22	22	6	3	6	21	23	26	16	21	12	8	26
Slatepickers (boys), -----	151	58	47	107	167	217	184	211	133	114	116	82	168
Slatepickers (men), -----	87	88	100	67	34	90	40	89	60	40	59	37	37
Office employees, -----	37	27	36	23	20	31	28	28	40	35	33	24	34
All other employees, -----	888	954	712	444	540	1,020	673	1,247	815	636	1,025	1,034	936
Total outside, -----	1,506	1,528	1,231	876	1,065	1,906	1,228	2,184	1,525	1,244	1,635	1,621	1,598
Grand total, -----	5,331	6,471	6,256	4,099	4,888	7,324	5,730	9,312	5,448	6,233	7,022	7,506	7,721

B—Employees Classified by Occupation, 1921—Continued

	Districts												Total
	14	15	16	17	18	19	20	21	22	23	24	25	
INSIDE													
Mine foremen, -----	21	34	23	11	23	14	12	19	25	14	13	11	452
Assistant mine foremen, -----	42	64	40	18	56	55	124	103	116	38	78	83	1,536
Fire bosses, -----	75	12	9	68	29	30	-----	10	10	43	32	21	751
Miners, -----	2,321	2,334	1,635	1,660	2,332	1,210	1,429	1,926	2,045	2,330	1,818	1,251	45,802
Miners' laborers, -----	1,664	954	822	11	517	497	714	749	694	357	430	356	25,047
Machine miners, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	185
Machine runners and scrapers, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	134
Drivers and runners, -----	362	287	236	92	235	211	227	166	277	271	206	211	8,117
Motormen and assistants, -----	273	115	80	184	103	47	21	96	90	65	32	36	3,842
Doorboys and helpers, -----	95	44	53	39	21	11	37	33	62	36	37	37	1,720
Trackmen and bratticemen, -----	213	180	163	128	143	117	236	168	261	131	164	297	4,228
Timbermen and rockmen, -----	270	411	209	590	302	250	536	370	377	138	248	338	5,109
Pumpmen and pipemen, -----	65	93	84	13	47	63	48	53	98	76	70	67	1,606
Electricians and helpers, -----	25	15	10	50	9	11	4	10	15	8	2	2	488
All other employees, -----	641	352	185	1,875	963	872	1,084	859	1,115	779	725	1,043	18,378
Total inside, -----	6,067	4,895	3,549	4,739	4,780	3,388	4,142	4,562	5,185	4,286	3,855	3,753	117,305
OUTSIDE													
Superintendents, -----	7	7	10	8	9	11	-----	5	7	5	3	2	175
Foremen, -----	14	25	29	17	25	19	10	28	19	12	12	11	402
Blacksmiths and carpenters, -----	187	197	195	163	152	110	100	204	163	138	98	111	3,619
Engineers and firemen, -----	238	313	272	288	307	295	283	318	403	235	274	299	6,032
Machinists and helpers, -----	83	53	55	196	51	24	16	49	34	42	23	35	1,133
Trackmen and helpers, -----	50	71	64	101	36	21	11	59	33	23	25	34	740
Slatepickers (boys), -----	162	98	144	67	149	144	85	204	138	190	99	37	3,272
Slatepickers (men), -----	46	90	45	12	76	70	121	91	185	67	74	23	1,728
Office employees, -----	64	52	72	45	46	54	46	71	62	46	47	40	1,041
All other employees, -----	1,163	1,547	1,508	866	1,612	1,110	1,170	1,536	1,724	989	1,053	1,217	26,389
Total outside, -----	2,014	2,453	2,394	1,763	2,463	1,858	1,842	2,565	2,768	1,747	1,708	1,809	44,531
Grand total, -----	8,081	7,348	5,943	6,502	7,243	5,246	5,984	7,127	7,953	6,033	5,563	5,562	161,926

B—Employees Classified by Occupation, 1922

Districts													
1	2	3	4	5	6	7	8	9	10	11	12	13	
INSIDE													
Mine foremen, -----	24	15	14	11	23	18	23	19	21	16	19	18	
Assistant mine foremen, -----	47	72	67	24	66	68	63	71	100	68	59	58	
Fire bosses, -----	8	3	34	21	27	2	47	19	24	64	72	51	
Miners, -----	1,730	1,780	1,630	906	1,140	1,586	2,544	1,746	1,974	1,832	2,117	2,321	
Miners' laborers, -----	883	1,563	1,066	918	1,051	1,498	2,081	594	1,152	1,013	1,317	1,219	
Machine miners, -----	63	65	13	56	16	-----	6	4	2	-----	-----	-----	
Machine runners and scrapers, -----	64	29	14	40	14	16	-----	4	-----	-----	-----	-----	
Drivers and runners, -----	246	439	485	360	268	223	532	497	561	503	589	334	
Motormen and assistants, -----	170	323	245	128	327	211	379	112	168	153	176	236	
Doorboys and helpers, -----	58	104	57	53	52	29	101	60	70	202	164	159	
Trackmen and bratticemen, -----	142	155	128	89	104	123	248	150	173	167	207	205	
Timbermen and rockmen, -----	46	43	91	88	67	91	135	94	208	187	127	118	
Pumpmen and pipemen, -----	54	49	70	66	45	46	63	119	77	60	42	96	
Electricians and helpers, -----	18	11	30	24	22	34	60	11	20	16	21	34	
All other employees, -----	326	494	569	465	587	458	991	369	533	845	767	946	
Total inside, -----	3,879	5,145	5,113	3,239	5,174	4,387	7,273	3,869	5,083	5,126	5,677	5,845	
OUTSIDE													
Superintendents, -----	17	12	6	8	9	10	6	8	7	2	7	6	
Foremen, -----	23	24	14	10	16	13	10	17	19	13	16	13	
Blacksmiths and carpenters, -----	104	109	114	88	101	116	226	155	116	79	142	187	
Engineers and firemen, -----	167	171	161	105	101	107	232	221	177	258	215	240	
Machinists and helpers, -----	35	50	33	8	25	35	86	33	23	19	34	45	
Trackmen and helpers, -----	30	24	7	1	7	23	26	19	20	11	7	24	
Slatepickers (boys), -----	132	67	44	104	106	210	210	131	102	98	81	192	
Slatepickers (men), -----	71	91	114	71	37	35	36	39	43	59	38	46	
Office employees, -----	46	36	36	20	32	31	28	40	35	33	24	33	
All other employees, -----	855	1,054	766	439	1,116	693	1,286	779	751	989	1,024	746	
Total outside, -----	1,430	1,638	1,295	854	1,820	1,276	2,136	1,442	1,293	1,561	1,588	1,532	
Grand total, -----	5,309	6,783	6,408	4,093	6,994	5,663	9,409	5,311	6,376	6,687	7,265	7,427	

Districts												
14	15	16	17	18	19	20	21	22	23	24	25	Total
INSIDE												
Mine foremen, -----	19	36	23	10	22	15	17	21	17	15	12	455
Assistant mine foremen, -----	45	70	41	18	56	54	94	81	61	84	83	1,616
Fire bosses, -----	75	14	7	71	30	35	16	15	40	31	21	745
Miners, -----	2,269	2,322	1,626	1,524	2,189	1,238	1,834	1,803	2,316	2,044	1,321	45,464
Miners' laborers, -----	1,593	951	814	26	566	431	539	594	406	461	383	23,761
Machine miners, -----	3											227
Machine runners and scrapers, -----	333	317	252	83	264	266	217	213	300	244	208	184
Drivers and runners, -----	276	112	79	188	94	53	98	100	73	49	40	8,014
Motormen and assistants, -----	82	36	49	24	24	8	30	57	29	42	32	4,008
Doorboys and helpers, -----	207	186	163	106	147	121	156	222	150	174	321	4,269
Trackmen and bratticemen, -----	261	410	191	756	319	199	397	426	288	301	325	5,469
Timbermen and rockmen, -----	58	82	70	13	45	60	52	80	73	87	79	1,581
Pumpmen and pipemen, -----	26	19	7	56	11	11	22	16	6	6	3	526
Electricians and helpers, -----	716	403	226	1,494	909	838	892	614	899	779	893	17,370
All other employees, -----												
Total inside, -----	5,903	4,958	3,548	4,429	4,610	3,269	4,235	4,242	4,068	4,320	3,721	115,285
OUTSIDE												
Superintendents, -----	8	7	11	9	9	11	5	7	4	6	2	188
Foremen, -----	15	25	37	30	27	19	17	20	18	18	11	453
Blacksmiths and carpenters, -----	192	176	182	198	164	109	206	156	138	115	119	3,514
Engineers and firemen, -----	235	310	233	214	308	255	278	297	268	291	252	5,624
Machinists and helpers, -----	82	50	53	165	56	27	36	35	37	23	29	1,098
Trackmen and helpers, -----	40	53	69	77	39	24	46	27	35	29	57	727
Slatepickers (boys), -----	109	86	145	66	188	146	221	135	185	154	48	3,248
Slatepickers (men), -----	27	79	45	12	72	66	106	152	76	80	24	1,619
Office employees, -----	61	47	71	42	49	63	72	51	56	57	40	1,058
All other employees, -----	1,115	1,409	1,590	1,064	1,496	1,341	1,730	1,444	1,143	1,124	1,161	27,063
Total outside, -----	2,614	2,242	2,436	1,877	2,408	2,101	2,717	2,324	1,960	1,897	1,743	44,592
Grand total, -----	7,917	7,200	5,984	6,306	7,018	5,370	6,952	6,566	6,028	6,217	5,464	159,880

C—Power and Haulage Equipment, 1921

Districts	Power plant						Pumps				Haulage				Air com- pressors		
	Boilers		Engines				Pumps delivering water to surface		Locomotives								
	Cylindrical	Tubular	Steam engines (all classes)		Internal combus- tion engines (gas)		Electric dynamos (all classes)										
			Number	Total horse power	Number	Total horse power	Number	Total kilo- watts									
Number	Total horse power	Number	Total horse power	Number	Total horse power	Number	Gallons per minute	Gasoline	Steam	Electric	Number	Total capacity—cubic feet per minute					
1,-----	6	120	111	13,778	162	18,177	36	5,046	135	62,016	43	24,503	300	19	---	80	10,790
2,-----	15	2,955	65	14,088	161	15,477	31	11,077	137	104,025	58	28,920	491	27	---	112	10,548
3,-----	13	2,215	50	12,260	154	21,529	14	2,500	97	60,954	28	22,100	426	6	---	108	12,911
4,-----	1	60	45	8,120	105	9,491	19	2,980	88	45,082	22	15,875	374	1	---	49	4,538
5,-----	6	690	48	16,753	69	10,172	22	42,160	108	53,670	21	11,100	203	6	---	85	4,010
6,-----	13	1,690	75	18,970	154	25,506	30	9,879	140	68,034	31	28,890	376	16	---	151	10,567
7,-----	13	1,690	56	10,270	99	12,666	7	2,300	133	79,100	32	47,260	262	9	---	108	4,424
8,-----	12	3,600	133	24,345	227	27,402	24	7,433	199	81,698	27	29,100	460	28	---	187	15,539
9,-----	3	1,100	65	18,008	235	23,990	30	6,368	205	78,823	45	35,849	728	13	---	50	8,870
10,-----	9	2,250	86	21,309	365	46,931	15	4,680	160	60,191	22	14,257	697	22	---	76	30,835
11,-----	10	1,625	88	22,950	413	75,412	39	25,682	185	152,739	31	24,099	521	1	---	58	28,921
12,-----	62	16,893	129	19,890	205	35,697	9	2,137	133	64,995	37	17,402	395	1	---	86	17,262
13,-----	127	29,375	210	24,843	149	14,315	13	1,941	128	92,900	55	53,500	600	82	6	40	14,163
14,-----	127	19,990	149	14,315	37	16,815	11	1,517	114	94,697	56	59,466	490	51	11	25	6,326
15,-----	71	16,123	87	16,815	205	35,505	4	1,302	30	65,615	11	21,700	103	40	---	84	17,391
16,-----	124	21,105	205	35,505	205	35,505	8	1,302	136	116,065	49	27,897	485	42	8	55	25,120
17,-----	114	22,600	253	33,445	253	33,445	30	4,980	113	82,143	38	22,823	411	18	2	35	16,360
18,-----	159	22,025	354	51,769	354	51,769	4	1,200	177	109,304	38	23,721	556	20	11	27	12,034
19,-----	128	19,750	327	33,733	327	33,733	12	1,991	120	78,120	23	22,806	357	55	11	52	16,788
20,-----	165	29,705	284	50,779	284	50,779	3	150	152	117,992	45	42,809	574	44	5	56	27,213
21,-----	108	17,573	276	22,477	276	22,477	1	30	150	84,451	50	22,233	516	1	1	41	11,454
22,-----	128	17,085	296	29,625	296	29,625	10	2,475	155	80,719	54	16,857	500	2	---	28	20,526
23,-----	173	27,535	289	39,128	289	39,128	12	10,130	137	66,770	15	13,473	480	25	4	35	27,221
24,-----	96	15,450	2,434	467,964	5,366	721,436	446	163,743	3,405	2,051,104	894	662,628	11,652	655	86	1,864	406,474
25,-----																	

*Including 12 water shaft tanks.

C—Power and Haulage Equipment, 1922

Districts	Power plant						Pumps			Haulage			Air com- pressors				
	Boilers		Engines		Total number	Total capacity — gallons per minute	Number	Gallons per minute	Horses and mules	Locomotives							
	Cylindrical	Tubular	Steam engines (all classes)	Internal combustion engines (gas)						Electric dynamos (all classes)	Gasoline	Steam		Air	Electric		
Number	Total horse power	Number	Total horse power	Number	Total watts	69,080	40	22,480	349	18	---	77	28	11,375			
1,	6	415	72	12,250	159	17,253	7,491	132	69,080	40	22,480	349	18	---	77	28	11,375
2,	1	85	69	14,418	133	12,340	11,227	147	111,292	50	28,550	382	27	---	114	33	13,695
3,	2	30	64	14,550	164	20,388	4,278	123	81,145	28	28,600	398	7	---	109	17	13,116
4,	13	215	45	8,300	97	7,947	3,550	92	46,702	20	17,525	393	1	---	31	18	6,928
5,	---	---	52	17,108	74	10,969	13,450	117	78,785	24	33,440	162	8	---	102	23	4,135
6,	7	776	77	20,320	152	26,263	20,474	137	71,473	26	18,710	349	14	---	153	47	17,054
7,	3	375	66	11,580	103	11,091	4,300	141	89,850	34	53,350	240	9	---	112	13	7,574
8,	---	---	121	24,185	232	27,006	9,413	214	83,938	29	30,860	514	25	---	197	32	15,202
9,	12	3,600	65	18,008	229	23,707	5,193	221	101,710	51	38,400	527	13	---	52	11	10,535
10,	---	---	57	13,786	193	25,168	2,176	194	80,303	39	24,662	631	23	30	50	30	29,065
11,	---	---	92	23,181	372	48,306	4,520	166	62,773	24	11,786	714	21	10	59	28	29,166
12,	6	1,800	87	22,825	419	75,130	24,447	146	151,211	26	14,538	654	19	7	87	17	26,249
13,	10	1,625	76	15,779	209	36,348	4,253	137	67,760	30	24,680	513	17	---	134	20	22,536
14,	---	---	64	17,445	129	19,983	8,550	133	52,181	47	15,925	399	37	10	123	31	21,160
15,	---	---	119	28,825	189	22,719	3,105	128	98,150	53	41,400	589	75	3	45	28	15,103
16,	---	---	112	16,930	135	12,215	1,048	112	106,397	58	63,466	528	47	9	30	19	6,331
17,	---	---	71	16,148	36	15,815	---	51	106,050	21	53,000	96	40	---	84	17	18,293
18,	---	---	119	20,395	119	26,280	2,255	138	113,825	49	26,250	440	51	10	53	31	25,570
19,	---	---	110	22,530	155	29,675	4,505	86	66,419	40	22,265	422	19	2	35	23	17,640
20,	---	---	171	23,660	172	39,295	1,200	98	83,510	44	23,510	564	15	19	30	25	13,942
21,	---	---	109	18,375	187	24,063	3,545	65	61,430	22	16,419	342	55	11	50	25	16,465
22,	---	---	141	24,945	131	23,179	2,490	70	80,826	37	41,604	431	44	3	52	30	23,030
23,	---	---	111	17,858	224	23,218	6,175	122	74,275	53	21,049	499	24	---	36	23	21,682
24,	---	---	137	20,635	205	21,613	2,646	138	78,215	56	20,098	552	15	---	35	21	23,828
25,	6	775	171	27,375	169	30,540	13,130	78	53,020	14	8,789	451	23	4	39	23	27,114
Total,	66	9,696	2,378	471,411	4,387	635,491	163,421	3,186	2,070,270	924	701,356	11,130	647	118	1,889	613	437,408

FIRST DISTRICT, 1921.

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Barton Coal Co. Barton Washery, -----	Lackawanna, -----	N. Y. O. & W.,	20,510	98	-----	20,608	72	60	-----	-----	-----	-----	-----
Bright Coal Co. Bright, -----	Lackawanna, -----	N. Y. O. & W.,	1,070	-----	16	1,086	43	25	-----	-----	1,000	-----	-----
Carbondale Coal Mining Co. Boland, -----	Lackawanna, -----	D. & H., -----	21,269	651	3,641	25,561	211	87	-----	-----	1,600	800	3,000
Connell Anthracite Mining Co. Connell, -----	Sullivan, -----	L. V., -----	187,638	46,000	4,578	238,216	248	545	-----	-----	93,375	20,988	114,363
Grove Hill Coal Co. Grove Hill, -----	Lackawanna, -----	Wagon to Erie,	8,700	260	350	9,310	101	46	-----	-----	2,500	6,000	-----
Hillside Coal & Iron Co. Forest City, -----	Susquehanna, -----	Erie, -----	382,364	36,200	12,651	431,215	301	1,030	1	1	359,125	157,708	67,200
Hudson Coal Co. Clinton, -----	Lackawanna, ----- Susquehanna, ----- Wayne, -----	D. & H., -----	527,232	20,431	4,860	552,523	292	762	2	16	289,300	190,065	20,632
Clinton Washery, -----	Wayne, -----	D. & H., -----	1,045	1,105	-----	2,150	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	528,277	21,536	4,860	554,673	-----	762	2	16	289,300	190,065	20,632
J. W. Kirby & Sons, Inc. Stillwater, -----	Susquehanna, -----	Erie, -----	7,868	500	-----	8,368	240	37	-----	-----	8,025	1,425	-----
Lackawanna Coal Co., Ltd. Lackawanna, -----	Lackawanna, -----	Erie & D. L. & W., -----	182,736	39,535	24,829	247,100	240	554	1	1	53,650	99,825	-----
Mt. Jessup Coal Co., Ltd. Mount Jessup No. 2, -----	Lackawanna, -----	D. & H., -----	276,829	1,200	7,819	285,848	298	635	-----	15	142,375	21,621	55,075
Northern Anthracite Coal Co. Murray, -----	Sullivan, -----	L. V., -----	100,062	6,000	2,830	109,792	142	228	-----	1	6,300	2,800	-----

Racket Brook Coal Co.	Lackawanna, -----	D. & H., -----	109,619	1,068	3,136	104,823	193	320	-----	\$	35,400	42,996	91,855
Racket Brook, -----	Lackawanna, -----	N. Y. O. & W., -----	16,670	275	91	17,036	152	49	1	-----	-----	-----	1,500
Richmondale Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	37,761	55	61	37,877	103	80	-----	-----	-----	-----	-----
Robertson Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	1,350	50	-----	1,400	79	40	-----	-----	2,000	1,000	-----
Robertson Washery, -----	Lackawanna, -----	N. Y. O. & W., -----	165,934	44,399	2,720	213,053	275	500	2	3	24,625	178,200	-----
M. Schlosser, Trustee	Lackawanna, -----	N. Y. O. & W., -----	19,239	-----	188	19,427	50	31	-----	-----	-----	-----	-----
Northeast, -----	Lackawanna, -----	N. Y. O. & W., -----	185,173	44,399	2,908	232,480	-----	542	2	3	24,625	178,200	-----
Seranton Coal Co.	Lackawanna, -----	Erie & N. Y. O. & W., -----	97,806	11,005	1,237	110,048	231	291	1	3	16,250	84,050	-----
Ontario, -----	Lackawanna, -----	-----	2,157,002	208,832	69,007	2,435,441	-----	5,331	8	55 ¹	1,035,525	807,478	353,595
Ontario Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Temple Coal Co.	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Northwest, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹Disability 60 days or more

SECOND DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Hudson Coal Co.													
Coal Brook, -----	Lackawanna, -----	D. & H., -----	736,249	58,485	1,624	796,358	310	1,329	5	17	424,125	135,426	55,045
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	596,906	24,138	7,671	628,735	290	1,063	4	8	326,450	17,859	181,822
Powderly, -----	Lackawanna, -----	D. & H., -----	385,201	47,207	12,568	444,976	301	874	2	7	151,475	51,356	112,086
Jermyn, -----	Lackawanna, -----	D. & H., -----	407,242	10,201	-----	417,443	296	804	5	11	182,450	139,479	119,184
			2,125,598	140,051	21,863	2,287,512	-----	4,070	16	43	1,084,500	344,120	468,137
Washeries, -----	Lackawanna, -----	D. & H., -----	2,371	12,369	-----	14,740	†	†	-----	-----	-----	-----	-----
Coal Brook, -----	Lackawanna, -----	D. & H., -----	5,564	133	-----	5,697	#	#	-----	-----	-----	-----	-----
Gravity Slope, -----			7,935	12,502	-----	20,437	-----	-----	-----	-----	-----	-----	-----
			2,133,533	152,553	21,863	2,307,949	-----	4,070	16	43	1,084,500	344,120	468,137
Total, -----													
Scranton Coal Co.													
Riverside, -----	Lackawanna, -----	N. Y. O. & W., -----	143,650	26,061	3,210	172,921	265	419	1	•	72,500	34,800	55,975
Raymond, * -----	Lackawanna, -----	N. Y. O. & W., -----	145,499	7,729	-----	153,228	256	414	1	4	15,000	140,000	800
			289,149	33,790	3,210	326,149	-----	833	2	4	87,500	174,800	56,775
Total, -----													
Temple Coal Co.													
Sterrick Creek, -----	Lackawanna, -----	Erie, -----	209,199	29,586	7,770	246,555	248	529	2	1	97,400	92,425	-----
Hillside Coal & Iron Co.													
Erie, -----	Lackawanna, -----	Erie, -----	116,343	6,770	533	123,646	297	373	2	1	92,000	50	55,610
			97,509	3,000	672	101,181	253	225	-----	-----	78,725	14,316	19,000
Sunnyside, -----	Lackawanna, -----	Erie, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Archbald Coal Co.													
Tappans, -----	Lackawanna, -----	D. & H., -----	52,031	3,427	2,461	57,919	123	281	1	1	4,375	30,000	15,725

*Breaker burned December 13, 1920. Coal prepared at Ontario breaker, 1st District.

†Included with Coal Brook Colliery.

#Included with Gravity Slope Colliery.

Rhondda Coal Co.	Lackawanna, -----	N. Y. O. & W.,	37,405	500	-----	37,905	117	40	-----	-----	-----	-----
Rhondda Washery, -----	Lackawanna, -----	N. Y. O. & W.,	13,065	450	2,310	15,825	127	75	-----	-----	6,000	-----
Fall Brook, -----	Lackawanna, -----	N. Y. O. & W.,	1,000	-----	1,495	2,495	225	25	1	5,550	11,100	-----
Fall Brook, -----	Lackawanna, -----	N. Y. O. & W.,	2,000	45	-----	2,045	59	20	-----	150	75	-----
Fireside Coal Co.	Lackawanna, -----	N. Y. O. & W.,	2,951,234	230,121	40,314	3,221,609	-----	6,471	24	501,450,200	655,786	632,347
Fireside, -----	Grand total, -----											

¹Disability 60 days or more.

THIRD DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co. Diamond, ----- Cayuga,† -----	Lackawanna, Lackawanna, -----	D. L. & W., -- D. L. & W., --	544,894 266,941	55,724 27,433	-----	600,618 294,374	290 289	1,132 553	3 3	9 10	227,700 63,325	577,397 242,713	-----
Total, -----	-----	-----	811,835	83,157	-----	894,992	-----	1,685	6	19	291,025	820,110	-----
Hudson Coal Co. Eddy Creek, ----- Marvine, ----- Dickson,* -----	Lackawanna, Lackawanna, ----- Lackawanna, -----	D. & H., -- D. & H., -- D. & H., --	645,781 492,551 {	21,639 48,930 {	28,412	637,420 567,893 {	280 294 338	1,334 1,301 339	5 4 2	18 17 2	651,740 377,840 119,300	----- 36,834 1,639	175,191 243,162 131,523
Eddy Creek Washery, -----	Lackawanna, -----	D. & H., -----	1,138,332 626	70,569 15,894	28,412	1,237,313 16,520	----- #	2,974 #	11	37	1,148,840	38,473	549,876
Total, -----	-----	-----	1,138,958	86,463	28,412	1,253,833	-----	2,974	11	37	1,148,840	38,473	549,876
Legitts Creek Anthracite Co. Legitts Creek, -----	Lackawanna, -----	D. & H., -----	292,068	59,646	5,724	357,438	296	750	2	14	169,325	104,238	153,780
Mid City Coal Co. Bulls Head, -----	Lackawanna, -----	N. Y. O. & W., -----	53,831	1,500	15,228	70,559	268	197	1	-----	2,500	8,000	24,250
Pleasant Mount Coal Co. Pleasant Mount Washery, --	Lackawanna, -----	N. Y. O. & W., -----	7,067	49	-----	7,116	53	15	-----	-----	-----	-----	-----
Von Storch Collieries Co. Von Storch, -----	Lackawanna, -----	D. & H., -----	214,471	32,882	14,686	262,039	287	635	1	2	11,145	26,974	125,652
Grand total, -----	-----	-----	2,518,230	263,697	64,050	2,845,977	-----	16,256	21	721	1,622,835	997,795	858,558

*Coal prepared at Marvine Colliery.

#Included with Eddy Creek Colliery.

†Coal prepared at Diamond breaker.

‡Disability 60 days or more.

FOURTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co. Hyde Park, ----- Brislin Washery, -----	Lackawanna, ----- Lackawanna, -----	D. L. & W., ----- D. L. & W., -----	231,873 143	37,312	27,699	296,884 143	242 #	647 #	5	8 1	244,875	55,125	25
Total, -----			232,016	37,312	27,699	297,027		647	5	9	244,875	55,125	25
Green Ridge Coal Co. Green Ridge, -----	Lackawanna, -----	Erie & D. & H. -----	23,809	5,016	4,028	42,853	177	143		1	2,600	41,650	
Hudson Coal Co. Manville,* -----	Lackawanna, -----	D. & H., -----	367,456	17,042		384,498	343	272	1	4	204,275	1,224	13,991
Lackawanna Fuel Co. Lackawanna Washery, -----	Lackawanna, -----	N. Y. O. & W. & D. L. & W. -----	46,905	120	11,049	58,074	287	31		1			
Pennsylvania Coal Co. No. 5 Colliery, -----	Lackawanna, -----	Erie, -----	237,249	14,322	31,200	282,771	300	568	7	2	231,225		25,465
Petersburg Coal Co. Park, -----	Lackawanna, -----	None, -----	2,555			2,555	201	16			10,000	10,000	8,000
Price-Pancoast Coal Co. Pancoast -----	Lackawanna, -----	{N. Y. O. & W.} & D. L. & W. { -----	220,728	62,598	3,757	287,083	243	785	2	7	243,175	14,350	500
Pancoast Washery, -----	Lackawanna, -----	{N. Y. O. & W.} & D. L. & W. { -----		7,112		7,112	243	**					
Total, -----			220,728	69,710	3,757	294,195		785	2	7	243,175	14,350	500

#No. record kept; only a few men employed dismantling washery.

**Included with Pancoast Colliery.

*Breaker abandoned January, 1921. Coal prepared at Marvine breaker, 3rd District.

FOURTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Seranton Coal Co.													
Pine Brook, -----	Lackawanna, -----	N. Y. O. & W., -----	383,820	30,139	42,584	456,543	272	1,003	1	6	363,125	48,000	24,050
Capous,†† -----	Lackawanna, -----	N. Y. O. & W., -----	91,083	21,575	-----	112,658	272	305	3	2	40,875	16,000	106,425
Mount Pleasant, -----	Lackawanna, -----	N. Y. O. & W., -----	27,811	5,640	7,739	41,190	226	180	1	1	28,125	-----	42,200
Total, -----	-----	-----	502,714	57,354	50,323	610,391	-----	1,488	5	9	432,125	64,000	172,675
Se-Rob Coal Co.													
Se-Rob, -----	Lackawanna, -----	(D. L. & W.) -----	85,913	-----	5,233	91,146	243	98	-----	-----	116,250	-----	-----
Staples & Bell, Inc., & Dexter & Carpenter, Inc.		(N. Y. O. & W.) -----											
Oxford Washery, -----	Lackawanna, -----	D. L. & W., -----	1,465	1,325	22	2,812	37	50	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	1,730,810	202,201	133,311	2,066,322	-----	4,099	20	33 ¹	1,484,525	186,349	220,656

††Coal prepared at Johnson breaker, 6th District.

¹Disability 60 days or more.

FIFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Black Diamond Fuel Co. Taylor Washery, -----	Lackawanna, -----	D. & H., -----	-----	50	-----	50	95	10	-----	-----	-----	-----	-----
Gibbons Coal Co., John Gibbons, # -----	Lackawanna, -----	D. & H., -----	20,000	300	760	21,060	217	35	-----	1	-----	-----	-----
Glen Alden Coal Co. Continental, (a) -----	Lackawanna, -----	D. L. & W., -----	220,472	20,028	5,887	246,387	239	611	2	7	142,825	37,509	29,909
National, -----	Lackawanna, -----	D. L. & W., -----	503,618	51,876	48,101	603,595	241	1,632	6	13	466,475	158,651	466
Baker, (b) -----	Lackawanna, -----	D. L. & W., -----	165,328	5,732	-----	171,060	230	478	3	24	141,200	49,238	-----
Sloan, -----	Lackawanna, -----	D. L. & W., -----	392,280	32,150	-----	424,430	291	833	5	11	223,575	207,754	-----
Archbald, -----	Lackawanna, -----	D. L. & W., -----	1,281,698	109,786	53,988	1,445,472	-----	3,554	16	16	974,075	453,152	29,909
Hampton Washery, -----	Lackawanna, -----	D. L. & W., -----	40	27,817	-----	27,857	126	32	-----	1	-----	-----	-----
Hampton Power Plant, (c) -----	Lackawanna, -----	D. L. & W., -----	-----	27,817	-----	27,857	365	81	-----	-----	-----	-----	-----
Total, -----	-----	-----	1,281,738	137,603	53,988	1,473,329	-----	3,667	16	72	974,075	453,152	29,909
Hudson Coal Co. Greenwood, -----	Lackawanna, -----	D. & H., -----	472,737	30,971	8,512	512,220	291	1,001	3	8	435,225	176,946	36,664
Greenwood Washery, -----	Lackawanna, -----	D. & H., -----	890	525	-----	1,415	x	x	-----	-----	-----	-----	-----
Total, -----	-----	-----	473,627	31,496	8,512	513,635	-----	1,001	3	8	435,225	176,946	36,664
Moffat, W. Y. Carleton, ++ -----	Lackawanna, -----	D. L. & W., -----	33,025	200	-----	33,225	193	100	-----	1	22,500	-----	11,000
Seranton Anthracite Coal Co. -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Oak Hill, -----	Lackawanna, -----	N. Y. S. & W., -----	14,600	400	-----	15,000	123	75	1	1	18,750	6,000	24,750
Grand total, -----	-----	-----	1,832,990	170,049	63,260	2,056,299	-----	4,888	20	831	1,450,550	636,098	102,323

Stripping operation. (a) Fighting mine fire. (b) Bellevue and Dodge Collieries consolidated as Baker, September, 1921. x Included with Greenwood Colliery.
++ No breaker. (c) Produces power for collieries of Glen Alden Coal Co. 1Disability 60 days or more.

SIXTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Bald Mountain Coal Co. Marshwood, [†]	Lackawanna,	D. L. & W.,	66,053	578	173	66,804	291	153			20,025	16,500	4,375
Carney & Brown Coal Co. Carney & Brown,	Lackawanna,	D. L. & W. and Erie,	19,358	350	1,596	21,304	204	64			10,000	6,350	3,150
Glen Alden Coal Co. Storrs,	Lackawanna,	D. L. & W.,	851,676	62,887	25,307	939,870	291	1,464	4	17	1,258,750	138,977	
Hudson Coal Co. Olyphant,	Lackawanna,	D. & H.,	817,785	113,847	23,200	954,832	297	1,508	4	14	817,785	25	245,620
John J. Boland Coal Co. Boland,	Lackawanna,	Erie,	6,252	25	2,460	8,737	228	26			2,100	550	625
Mount Jessup Coal Co. Mount Jessup No. 1.	Lackawanna,	{D. L. & W. N. Y. O. & W., Erie, D. & H., Erie,	149,651	1,822	416	151,889	285	333	1		12,950	19,856	82,125
Nay-Aug Coal Co. Nay-Aug,	Lackawanna,	Erie,	37,323	750		38,073	198	157		1	1,100	6,500	
Pennsylvania Coal Co. No. 1,	Lackawanna,	Erie,	823,786	25,449	252	849,487	305	1,490	3	4	826,025	10,325	36,908
Underwood,	Lackawanna,	Erie,	651,795	35,279	6,334	693,403	303	1,114	3		578,550	11,950	225,970
Total,			1,475,581	60,728	6,586	1,542,895		2,604	6	4	1,404,575	22,275	262,878
Quinn Coal Co. No. 6,	Lackawanna,	Erie,	7,761			7,761	219	98					5,275
Seranton Coal Co. Johns,	Lackawanna,	N. Y. O. & W.,	117,220	35,564	3,148	155,982	211	438	2	4	31,250	26,200	
Richmond No. 3,**	Lackawanna,	N. Y. O. & W.,	54,728	17,798	4,071	76,597	217	267	1	1	99,375	35,800	4,250
Total,			171,948	53,362	7,219	232,520		705	3	5	130,625	62,000	4,250

[†]Coal prepared at Mount Jessup No. 1 breaker.^{**}Breaker abandoned August 1, 1921; coal now prepared at Johnson breaker.

Spencer Coal Co.	Lackawanna, -----	Eric, -----	45,471	1,500	10,398	57,869	276	170	1	1	3,750	17,200	2,650
Spencer, -----													
Seranton Anthracite Coal Co.	Lackawanna, -----	N. Y. O. & W., -----	10,083	-----	146	10,229	299	42	-----	1	1,750	1,750	3,500
Blakely, (a) -----													
Grand total, -----			3,653,942	295,849	78,001	4,032,792	-----	7,324	19	43 ¹	3,664,010	292,043	614,448

¹Disability 60 days or more.
(a)Coal prepared at Lackawanna breaker, 1st District.

SEVENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.	Lackawanna, Lackawanna, Luzerne,	D. L. & W., D. L. & W., D. L. & W., -----	553,663 468,778 172,124 1,194,565	58,634 44,416 27,636 130,686	11,088 4,696 3,590 19,374	623,385 517,890 203,350 1,344,625	241 292 288 -----	996 790 354 2,140	2 3 1 6	5 7 4 16	439,575 456,025 9,000 904,600	54,334 23,796 1,875 80,005	16,500 1,500 160,825 178,825
Taylor, -----													
Pyne, -----													
Hallstead, -----													
Total, -----													
Hillside Coal & Iron Co.	Luzerne,	Erie, -----	108,151	6,358	10,583	125,097	278	266	1	-----	102,225	-----	7,531
Consolidated, -----													
Jermyn & Co.	Lackawanna,	{Erie & -----} {D. L. & W., {	48,196 432,261 233,456 665,717	8,875 49,276 21,955 71,231	2,732 33 7,969 8,002	59,803 481,570 263,380 744,950	43 247 264 -----	878 1,326 670 1,996	-----	3	43,750	43,000	-----
Jermyn, -----													
Pennsylvania Coal Co.													
Old Forge, -----													
Central, -----	Luzerne,	Erie, -----	233,456	21,955	7,969	263,380	264	670	1	2	233,725	-----	26,959
Total, -----									8	6	474,025	16,550	153,081
Suffolk Coal Co.	Luzerne,	D. & H., -----	117,129	3,740	4,593	125,462	170	450	-----	4	3,000	2,875	50,280
Avoca, -----													
Grand total, -----			2,133,758	220,890	45,289	2,359,937	-----	5,730	15	291	1,527,600	142,430	389,717

¹Disability 60 days or more.
Note—Dennington Coal Co. Washery and Scranton-Taylor Coal Co. Washery idle during the year.

EIGHTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillside Coal & Iron Co. Butler, -----	Luzerne, -----	Erie, -----	620,673	48,622	8,300	677,685	261	1,580	4	3	489,675	-----	187,110
Hudson Coal Co. Lafin,* -----	Luzerne, -----	D. & H., -----	303,082	10,953	1,401	315,436	279	538	4	1	162,400	62,828	77,186
Pennsylvania Coal Co. Number,9 -----	Luzerne, -----	Frie, -----	607,155	56,806	12,313	676,274	279	1,650	1	4	455,575	25,640	153,510
Kwen, -----	Luzerne, -----	Erie, -----	604,250	32,980	682	637,862	268	1,697	4	4	486,550	10,750	124,100
Number 6, -----	Luzerne, -----	Erie, -----	401,765	36,222	12,279	450,266	253	1,398	3	3	419,150	10,800	126,787
Number 14, -----	Luzerne, -----	Erie, -----	689,244	59,695	8,281	737,220	263	1,969	6	8	598,275	5,945	198,562
Barnum, -----	Luzerne, -----	Erie, -----	121,250	18,953	3,328	143,531	205	403	1	3	46,975	4,848	11,125
Total, -----	-----	-----	2,423,664	204,656	36,883	2,665,153	-----	7,107	14	22	2,001,525	57,983	614,084
Quinn Coal Co. Pickaway, -----	Luzerne, -----	L. V., -----	8,188	-----	-----	8,188	105	87	-----	-----	2,365	1,050	2,600
Grand total, -----	-----	-----	3,355,607	264,231	46,624	3,666,462	-----	9,312	22	261	2,655,965	121,861	880,980

*Coal prepared at Pine Ridge breaker, 10th District.

¹Disability 60 days or more.

NINTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Lehigh Valley Coal Co.													
Stevens,**	Luzerne.	L. V.,	310,363	100,787	26,351	437,501	265	720		4	67,550	244,375	
Exeter,	Luzerne.	L. V.,	179,368	21,902	5,519	206,789	257	345	2	3	3,675	184,050	
Westmoreland,	Luzerne.	L. V.,	275,241	49,257	7,871	332,369	265	581	5	4	105,700	181,075	
Maltby,	Luzerne.	L. V.,	41,518		3,737	45,255	267	79			62,950	8,650	
Broadwell,†	Lackawanna,	{D. & H. and	142,045	55,922	3,617	201,584	270	388	2	1	53,075	50,275	
Heidelberg,	Luzerne,	{L. V.,	174,383	57,352	22,486	254,221	270	582	1	3	166,800	100,800	
Seneca,	Luzerne,	{L. V.,	118,439	21,111	9,123	148,673	268	322	1	3	84,575	118,625	
William A.,†	Lackawanna,												
Total,			1,241,357	306,831	78,704	1,624,892		3,019	11	18	494,325	887,850	
Temple Coal Co.													
Forty Fort,	Luzerne.	L. V.,	228,120	37,917	4,801	270,838	265	505		5	55,400	159,668	
Harry E.,	Luzerne.	{D. L. & W.,	177,735	40,047	4,703	222,485	198	468	2	3	76,000	144,250	
		{L. V.,											
Total,			405,855	77,964	9,504	493,323		973	2	8	131,400	303,918	
Kingston Coal Co.													
Kingston No. 4,	Luzerne,	{D. L. & W.	288,487	43,000	5,012	336,499	282	819	3	12	189,475	10,547	16,708
Kingston Washery,	Luzerne,	{L. V. Penna.	1,789			1,789	32						
		{D. & H. C.											
		{R. R. of N. J.											
Total,			290,276	43,000	5,012	338,288		819	3	12	189,475	10,547	16,708
Mount Lookout Coal Co.													
Mount Lookout,	Luzerne,	{D. L. & W.,	130,669	29,543	3,918	164,130	156	433	1	3	29,250	137,100	
		{L. V.,											
Harris-Denly Coal Co.													
Kintz,	Luzerne,	{Truck to D.	24,000	1,200	4,091	29,291	265	81				20,000	
		{L. & W., L.											
		{V.,											

**Idle since February, 1919.

†Coal prepared at Seneca breaker.

Healey Coal Co. Troy,***	Luzerne, -----	L. V., -----	21,344	-----	21,344	265	49	-----	3,000	9,800	-----
John Ames Coal Co. Phoenix Washery, -----	Luzerne, -----	L. V., -----	7,385	40	7,425	31	44	-----	-----	-----	-----
John Fib Coal Co. Wyoming Washery, -----	Luzerne, -----	L. V., -----	3,082	45	3,127	52	30	-----	-----	-----	-----
Grand total, -----	-----	-----	2,123,968	458,123	2,683,320	-----	5,448	17	41 ¹	1,369,215	16,708

¹Disability 60 days or more.
***Coal prepared at Wyoming Washery.

TENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Central Coal Co. Wyoming, -----	Luzerne, -----	D. & H., -----	65,950	1,350	859	68,159	281	158	-----	-----	85,662	5,412	13,067
John Conlon Conlon, -----	Luzerne, -----	D. & H., -----	55,890	200	3,902	59,992	289	130	1	-----	32,450	14,250	1,000
East Boston Coal Co. East Boston, -----	Luzerne, -----	{ D. L. & W., L. V. Penna., D. & H., ----- }	105,035	45,625	3,872	154,532	250	416	1	5	1,402	8,474	30,751
Glen Alden Coal Co. Pettebone, -----	Luzerne, -----	D. L. & W., -----	611,628	57,995	10,243	679,866	295	946	4	17	302,125	59,612	166,369
Haddock Mining Co. Black Diamond, -----	Luzerne, -----	L. V. & D. L. & W., -----	141,743	14,600	4,571	160,914	250	373	1	6	43,750	88,350	29,300
Healey Coal Co. Miners Mills, -----	Luzerne, -----	L. V., -----	24,456	2,200	682	27,338	243	99	1	2	21,000	2,500	-----
Hudson Coal Co. Pine Ridge, -----	Luzerne, -----	D. & H., -----	892,595	76,037	11,569	980,192	284	1,184	8	16	625,850	174,156	309,734
Delaware,† -----	Luzerne, -----	D. & H., -----	739	45,067	-----	45,806	284	653	2	8	-----	-----	-----
Pine Ridge Washery, -----	Luzerne, -----	D. & H., -----	-----	-----	-----	-----	-----	#	-----	-----	-----	-----	-----
Total, -----	-----	-----	893,334	121,104	11,560	1,025,998	-----	1,837	10	24	625,850	174,156	309,734

#Included with Pine Ridge Colliery.
†Coal prepared at Pine Ridge breaker.
‡Coal prepared at Prospect breaker, 11th District.

Lehigh Valley Coal Co. Henry,†† Mineral Spring, -----	Luzerne, ----- Luzerne, ----- -----	L. V., ----- L. V., ----- -----	388,010 264,276 -----	75,871 30,282 -----	7,615 5,998 -----	471,493 300,556 -----	284 274 -----	740 507 -----	----- 2 -----	6 ----- -----	173,575 30,050 -----	246,870 213,550 -----	6,025 ----- -----
Total, -----	-----	-----	652,286	106,153	13,613	772,052	-----	1,247	2	6	203,625	460,420	6,025
Raub Coal Co. Louise, -----	Luzerne, -----	L. V., -----	54,971	2,000	8,915	65,886	197	266	-----	1	625	17,375	29,000
Traders Coal Co. Ridgewood, -----	Luzerne, -----	{C. R. R. of N.} {J. Eric, -----}	54,776	1,328	745	56,849	115	386	1	3	60,000	18,000	7,000
Wilkes-Barre Colliery Co. Madeira, -----	Luzerne, -----	{D. L. & W.,} {D. & H., -----}	166,902	1,324	2,223	170,449	278	375	-----	5	187,700	55,298	-----
Grand total, -----	-----	-----	2,826,971	353,879	61,185	3,242,035	-----	6,233	21	691	1,564,189	853,847	592,246

¹Disability 60 days or more.

ELEVENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillman Coal Co. Hillman, -----	Luzerne, -----	L. V., -----	71,273	21,900	1,460	94,633	251	246	1	2	76,150	12,522	9,353
Hudson Coal Co. Baltimore No. 5, -----	Luzerne, -----	D. & H., -----	841,916	102,108	18,701	962,725	290	1,826	9	23	282,650	45,675	377,228
Lehigh & Wilkes-Barre Coal Co. -----	Luzerne, -----	C. R. R. of N. J., -----	215,250	35,974	75,697	326,921	290	583	2	4	141,325	42,239	136,700
Hollenback No. 2, -----	Luzerne, -----	C. R. R. of N. J., -----	326,865	40,537	112,126	479,528	290	978	2	11	59,800	38,944	228,312
South Wilkes-Barre No. 5, -----	Luzerne, -----	C. R. R. of N. J., -----	734,048	55,487	22,385	811,870	296	1,482	7	22	316,400	32,795	301,275
Stanton No. 7, -----	Luzerne, -----	C. R. R. of N. J., -----	1,276,163	131,948	210,208	1,618,319	-----	3,043	11	37	517,025	113,978	666,287
Empire Washery, -----	Luzerne, -----	C. R. R. of N. J., -----	37,896	-----	9,755	47,651	152	45	-----	1	-----	-----	-----
Total, -----	-----	-----	1,314,059	131,948	219,963	1,665,970	-----	3,088	11	38	517,025	113,978	666,287
Lehigh Valley Coal Co. Dorrance, -----	Luzerne, -----	L. V., -----	449,404	71,478	48,626	569,508	283	837	6	17	284,450	180,396	-----
Prospect, -----	Luzerne, -----	L. V., -----	292,327	58,730	11,224	362,281	284	755	4	12	182,950	109,050	30,575
Total, -----	-----	-----	741,731	130,208	59,850	931,789	-----	1,612	10	29	467,400	289,446	30,575
Red Ash Coal Co. Red Ash No. 2, @ -----	Luzerne, -----	C. R. R. of N. J., -----	40,534	13,157	1,068	54,809	121	230	-----	4	13,250	12,150	10,325
Grand total, -----	-----	-----	3,009,563	399,321	301,042	3,709,926	-----	7,022	31	96 ¹	1,356,475	473,771	1,093,768

¹Disability 60 days or more.

@Red Ash No. 2 Slope idle on account of mine fire; stripping and Red Ash No. 1 Slope in operation.

TWELFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
Glen Alden Coal Co. Woodward, Woodward Bank, Nantioke Power Plant, x Total,	Luzerne,	D. L. & W.,	1,141,687	77,229	10,790	1,229,706	289	1,767	6	40	605,425	48,940	311,240
	Luzerne,	D. L. & W.,	24,157	13,036		37,213	289	x					
	Luzerne,	D. L. & W.,					365	54					
			1,165,844	90,265	10,790	1,266,919		1,801	6	40	605,425	48,940	311,240
Hudson Coal Co. Loree No. 5, Loree Washery, Total,	Luzerne,	D. & H.,	1,458,636	88,021	43,544	33,473	292	#					
	Luzerne,	D. & H.,	3,744	29,729		1,623,674		2,443	9	19	1,044,475	112,965	53,624
					43,544	1,590,201	292	2,443	9	19	1,044,475	112,905	53,624
			1,462,380	117,750									
Inter-City Fuel Co., Inc. Plymouth Company Washery Total,	Luzerne,	C. R. R. of N. J.,	7,625	275	152	8,052	55	44					
	Luzerne,	D. L. & W.,											
	Luzerne,	L. V. D. & H.,	332,122	19,000	31,813	382,935	282	885	1	3	202,375	4,911	2,545
	Luzerne,	C. R. R. of N. J.,											
Kingston Coal Co. Kingston No. 2, Total,	Luzerne,	D. L. & W.,											
	Luzerne,	L. V. D. & H.,											
	Luzerne,	C. R. R. of N. J.,											
	Luzerne,	D. L. & W.,											
Lehigh & Wilkes-Barre Coal Co. Lance No. 11, Nottingham No. 15, Total,	Luzerne,	C. R. R. of N. J.,	430,414	36,000	34,675	501,089		1,208	2	5	217,375	20,086	2,545
	Luzerne,	C. R. R. of N. J.,											
	Luzerne,	C. R. R. of N. J.,	413,326	47,598	19,768	480,692	295	912	8	16	371,875	15,740	54,075
	Luzerne,	C. R. R. of N. J.,	533,052	54,151	42,204	629,407	296	1,058	2	9	264,275	24,082	5,775
Plymouth Red Ash Coal Co. Plymouth Red Ash, Grand total,	Luzerne,	D. L. & W.,	946,378	101,749	61,972	1,110,099		1,970	10	25	686,150	39,822	59,350
	Luzerne,	D. L. & W.,											
	Luzerne,	D. L. & W.,	13,555	167	3,639	17,361	298	40			3,300	100	
			4,036,196	346,226	154,772	4,537,194		7,506	27	80	2,506,725	221,853	427,259

x Furnishes power for Woodward Colliery. # Included with Woodward Colliery. * Included with Loree No. 5 Colliery. ¹Disability 60 days or more.

THIRTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.	Luzerne, -----	D. L. & W., -----	738,590	53,849	6,310	798,749	287	1,019	4	5	17,700	496,300	---
Loomis, -----	Luzerne, -----	D. L. & W., -----	1,397,805	128,013	7,334	1,533,132	287	2,122	9	7	350,700	101,975	703,725
Truesdale, -----	Luzerne, -----	D. L. & W., -----	203,405	35,481	3,782	242,668	289	488	---	2	30,950	8,510	61,775
Avondale, -----	Luzerne, -----	D. L. & W., -----	63,664	19,079	---	82,743	---	---	---	---	---	---	---
** -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Total, -----	-----	-----	2,403,464	236,422	17,426	2,637,312	---	3,629	13	14	399,350	606,785	765,500
George F. Lee Coal Co.	Luzerne, -----	D. L. & W., -----	96,897	---	1,388	98,285	223	296	2	3	4,600	15,562	950
Chauncey, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	359,395	48,441	7,730	415,566	277	634	4	4	36,200	215,600	---
Franklin, -----	Luzerne, -----	L. V., -----	82,563	12,091	580	95,234	---	155	1	2	500	33,050	---
Warrior Run,* -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Total, -----	-----	-----	441,958	60,532	8,310	510,800	---	789	5	6	36,700	248,650	---
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	C. R. R. of N. J., -----	394,655	23,976	4,770	423,401	279	852	2	6	5,100	25,567	210,206
Sugar Notch No. 9, -----	Luzerne, -----	C. R. R. of N. J., -----	527,814	40,308	15,889	583,961	294	1,079	6	13	87,025	12,245	250,750
Maxwell No. 20, -----	Luzerne, -----	C. R. R. of N. J., -----	235,806	39,653	2,113	277,577	294	632	---	3	2,675	7,353	181,725
Buttonwood No. 22, -----	Luzerne, -----	N. J., -----	1,158,275	108,937	22,727	1,284,939	---	2,563	8	22	94,800	45,165	642,681
Total, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Pittston Coal Mining Co.	Luzerne, -----	C. R. R. of N. J., -----	118,046	15,500	900	134,446	265	273	---	2	---	42,000	---
Hadleigh, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
West Nanticoke Coal Co.	Luzerne, -----	Penna, -----	32,039	682	---	32,721	119	171	---	1	3,525	5,005	780
West Nanticoke, -----	-----	-----	---	---	---	---	---	---	---	---	---	---	---
Grand total, -----	-----	-----	4,250,679	417,073	50,751	4,718,503	---	7,721	28	48 ¹	538,975	963,167	1,409,911

**Coal from culm bank prepared at Avondale breaker.

*Coal prepared at Prospect breaker, 11th District.

¹Disability 60 days or more.

FOURTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Alden Coal Co.	Luzerne,	C. R. R. of N. J.,	307,213	23,211	7,061	337,485	253	790	3	1	111,000		75,918
East Alden Mining Co.	Luzerne,	L. V.,	37,290	148		37,438	212	58				500	22,325
Glen Alden Coal Co.	Luzerne,	D. L. & W.,	312,167	19,303		331,470	287	501		1			216,625
Auchincloss,†	Luzerne,	D. L. & W.,	588,463	52,625	5,213	646,301	287	902	3	8	90,950	2,025 50,178	246,200
Bliss,													
Total,			900,630	71,928	5,213	977,771		1,403	3	9	90,950	52,203	482,825
Lehigh & Wilkes-Barre Coal Co.													
Wanamie No. 18,	Luzerne,	C. R. R. of N. J.,	612,882	34,120	6,115	653,117	292	1,164	4	9	47,125	58,635	282,575
Wanamie Washery,	Luzerne,	C. R. R. of N. J.,	137,161		15,157	152,318	227	68					
Total,			750,043	34,120	21,272	805,435		1,232	4	9	47,125	58,635	282,575
Stackhouse Coal Co., E. S. Salem,	Luzerne,	D. L. & W.,	37,958	710	1,178	39,846	204	189			7,875	10,310	17,610
Susquehanna Collieries Co.													
Number 5,	Luzerne,	Penna.,	#422,984	18,852	8,024	449,860	258	1,279	5	4	206,725	31,011	87,447
Number 6,	Luzerne,	Penna.,	452,611	42,941	5,317	500,869	260	1,013	3	6	95,950	152,738	36,100
Number 7,	Luzerne,	Penna.,	#384,975	33,504	16,461	434,940	269	1,064	8	4			
Nanticoke Washery,	Luzerne,	Penna.,	1,200,370	95,297	29,802	1,385,669		3,356	16	14	302,675	183,749	123,547
Total,			#99,358	102,754		242,112	263	57					
West End Coal Co.	Luzerne,	Penna. & O. R. R. of N. J.,	1,359,928	198,051	29,802	1,587,781		3,413	16	14	302,675	183,749	123,547
Grand total,			3,801,434	343,220	71,413	4,306,067		8,081	28	351	546,850	359,072	1,151,275

#47,704 tons stocked at collieries and not yet shipped. †Coal prepared at Loomis breaker, 13th District. †Disability 60 days or more.

FIFTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Coxe Brothers & Co., Inc.,	Luzerne,	L. V.,	290,764	108,108	15,429	414,301	290	604	1	5	835	150,257	
Drifton, -----			284,878	28,934	14,595	328,407	295	327	1	2		72,094	
Fekley, * -----			347,959	1,878	14,270	364,107	294	699	9	2		328,061	
Deringer, *** -----													
Total, -----			923,601	138,920	44,294	1,106,815		1,690	11	9	835	550,412	
East Point Coal Co.	Luzerne,	C. R. R. of N. J.,	13,724	234	495	14,453	107	135				3,020	7,938
Pond Creek, -----													
Jeddo-Highland Coal Co.**	Luzerne,	L. V.,	188,766	46,651	7,095	242,512	299	590	1	3		1,192	
Highland No. 2, -----			252,100	30,500	157	282,757	297	501	2	2	25	1,622	
Highland No. 5, -----			353,505	43,801	7,607	404,913	280	1,045	4	10		3,345	
Jeddo No. 4, -----			175,050	14,250	8,532	197,832	288	351	1	3		698	
Jeddo No. 7, -----													
Total, -----			969,421	135,202	23,391	1,128,014		2,507	8	18	25	6,857	
Kemmerer & Co., M. S.	Luzerne,	C. R. R. of N. J.,	66,016	2,900	1,154	70,070	287	152				9,695	4,400
Sandy Run, -----													
Lehigh Valley Coal Co.	Luzerne,	L. V.,	189,941	30,492	57,034	277,467	256	458	1	7		127,800	
Hazleton No. 1, -----			237,767	80,602	5,532	323,901	264	762	1	2	50	206,016	
Hazleton Shaft, -----													
Total, -----			427,708	111,004	62,566	601,368		1,220	2	9	50	333,816	
Pardee Brothers & Co., Inc.	Luzerne,	L. V.,	499,143	64,000	11,661	574,804	288	1,077	1	4		441,972	
Lattimer, -----													

*Coal prepared at Drifton and Hazleton Shaft breakers.

**Formerly G. B. Markle Co.

***Coal prepared at Hazleton Shaft breaker, Lehigh Valley Coal Co.

SIXTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Beaver Valley Coal Co. Scotch Valley, -----	Columbia, -----	Penna., -----	35,592	5,730	271	41,593	224	168	-----	3	7,750	11,050	6,450
Campion Coal Co. Silver Brook Washery, -----	Schuykill, -----	P. & R., -----	28,207	-----	-----	28,207	228	25	-----	-----	-----	-----	-----
Coxe Brothers & Co., Inc. Beaver Meadow, -----	Carbon, -----	L. V., -----	290,454	26,537	7,515	324,506	293	461	-----	7	-----	166,050	-----
Oneida,† -----	Schuykill, -----	L. V., -----	266,606	21,261	22,208	310,075	230	536	-----	3	-----	164,214	-----
Total, -----	-----	-----	557,060	47,798	29,723	634,581	-----	997	-----	10	-----	330,264	-----
Cranberry Creek Coal Co. Cranberry, -----	Luzerne, -----	L. V., -----	604,428	34,307	264,602	903,337	287	1,343	6	12	2,350	348,210	25,506
Charles M. Dodson & Co. Beaver Brook, -----	Luzerne, -----	L. V., & C. R. R. of N. J., -----	253,287	15,940	2,371	271,598	295	504	1	8	2,000	116,000	-----
Evans Colliery Co. Evans, -----	Carbon, -----	L. V., -----	35,063	600	623	36,286	189	124	-----	-----	-----	2,900	28,200
Harwood Coal Co. Harwood, -----	Luzerne, -----	L. V., -----	65,819	1,200	29,580	96,599	287	386	1	3	-----	59,250	-----
Lehigh & Wilkes-Barre Coal Co. Audenried No. 4,* -----	Schuykill, -----	C. R. R. of N. J., -----	345,799	46,070	7,298	399,167	284	775	1	14	8,850	199,570	3,035
Honey Brook No. 5, -----	Schuykill, -----	C. R. R. of N. J., -----	235,220	25,274	-----	260,494	263	579	-----	5	22,050	118,530	100
Total, -----	-----	-----	581,019	71,344	7,298	659,661	-----	1,354	1	19	30,900	318,100	3,135

*Slopes Nos. 21 and 23 in Carbon County; no production.

†Coal prepared at Spring Mountain breaker.

Lehigh Valley Coal Co.	Luzerne, -----	L. V., -----	211,430	82,382	7,370	901,172	276	485	2	2	-----	97,450	-----
Spring Mountain, -----	Carbon, -----	L. V., -----	9,679	-----	527	10,206	57	153	-----	-----	-----	42,922	-----
Spring Brook,†† -----	Carbon, -----	L. V., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Spring Brook Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	221,099	82,382	7,897	311,378	-----	638	2	2	-----	140,372	-----
Thomas R. Reese & Son	Luzerne, -----	C. R. R. of	-----	-----	80	207	66	19	-----	-----	-----	2,000	-----
Dusky Diamond,† -----	-----	N. J., -----	177	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Van Wickle Estate, A. S.	Carbon, -----	(P. & R., L. V.)	115,534	53,931	2,157	171,622	299	385	-----	3	-----	56,200	-----
Coleraine, -----	-----	{C. R. R. of	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	{N. J., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total. -----	-----	-----	2,497,285	313,232	344,552	3,155,069	-----	5,943	11	60 ¹	43,000	1,384,346	63,298

¹Disability 60 days or more.
†Abandoned April 1, 1921.
††Coal prepared at Spring Mountain breaker.

SEVENTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Lehigh Coal & Navigation Co.	Carbon,	{C. R. R. of N.}			10,304	734,750	260	1,484	5	16	104,550	342,662	95,992
Nesquehoning,	Carbon,	{J. L. & N. E.}	710,292	14,154									
Lansford,	Carbon,	{C. R. R. of N.}	735,026	84,652	16,528	836,206	259	1,820	4	29		519,158	72,803
Coaldale,*	{Carbon,}	{C. L. & N. E.}	649,262	67,729	17,670	734,661	258	1,490	4	18	31,275	374,523	123,436
Greenwood,	{Schuylkill,}	{J. L. & N. E.}	414,951	47,659		462,610	258	842	1	10		138,034	41,500
Rahn,	Schuylkill,	{C. R. R. of N.}	424,442	7,273	6,423	438,138	260	866	8	21		196,901	42,455
		{J. L. & N. E.}	4,933,973	221,467	50,925	3,206,365		6,502	22	94	135,825	1,571,278	381,246
Hauto Washery,	Carbon,	{C. R. R. of N.}			5,083	41,088	46						
Ashton Washery,	Carbon,	{J. L. & N. E.}	35,327	678									
		{C. R. R. of N.}	3,098	720	651	4,469							
		{J. L. & N. E.}											
Total,			38,425	1,393	5,734	45,557							
Grand total,			2,972,398	222,865	56,659	3,251,922		6,502	22	94 ¹	135,825	1,571,278	381,246

*Breaker destroyed by fire May 12, 1921; coal prepared at Ashton Washery.

¹Disability 60 days or more.

EIGHTEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Alliance Coal Mining Co. Alliance,	Schuylkill,	P. & R.,	144,928	28,326	1,300	174,554	282	526	6	4	45,000		90,000
Bergen Coal Co. Bergen,	Schuylkill,	Auto to P. & R.	17,750	1,075	6,421	25,246	276	58			9,975		
East Lehigh Coal Co. East Lehigh,*	Schuylkill,	{ L. & N. E. } { P. & R., }	35,097	1,440	5,262	41,799	147	169			31,000		700
Gorman & Campion Coal Co. Bell,	Schuylkill,	P. & R.,	46,270	3,600	2,307	52,177	288	100		1			15,000
Hudson Coal Co. Milford,†	Schuylkill,	P. & R.,						13					
Lehigh Coal & Navigation Co. Tamaqua,	Schuylkill,	L. & N. E.,	373,249	51,012	1,793	426,054	296	795	3	6	204,865		44,810
Lehigh Valley Coal Co. Buck Mountain,	Schuylkill,	L. V.,	356,085	47,413	1,261	404,759	294	640	1	10	25	34,689	256,202
Maryd Coal Co. Maryd,	Schuylkill,	{ C. R. R. of } { N. J., } { P. & R., }	228,676	45,913	2,502	277,091	274	431	3	10			150,567
Mill Creek Coal Co. Morea,	Schuylkill,	{ L. V., }	152,772	2,246	1,557	156,575	287	362	1	3		95,750	
Middle Lehigh,	Schuylkill,	{ }	33,388	21,625	429	55,442	258	123	1	2	400	32,747	
Wolfe Creek,	Schuylkill,	{ Penna., }	43,148	4,795		47,943	284	93				45,779	
Total,			229,308	28,666	1,986	259,960		578	2	5	400	174,276	

†Old mine reopened.

*Abandoned June 1921.

EIGHTEENTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
P. & R. Coal & Iron Co.													
Silver Creek, -----	Schuylkill, -----	P. & R., -----	431,982	45,572	4,984	482,538	287	876	4	14		295,962	
Wadesville, -----	Schuylkill, -----	P. & R., -----	321,279	59,012	16,240	396,531	291	978	1	21		42,682	124,443
Eagle Hill, -----	Schuylkill, -----	P. & R., -----	317,509	58,470	7,265	383,244	281	784	4	19		146,415	80,056
Reevesdale, -----	Schuylkill, -----	P. & R., -----	89,846	7,160	24	97,030	105	209	1	2	3,975	27,090	7,925
Pine Forest, -----	Schuylkill, -----	P. & R., -----	62,971	2,704	13	65,688	74	141		1		975	800
Schuylkill Washery, -----	Schuylkill, -----	P. & R., -----	1,223,587	172,918	28,526	1,425,031		2,988	10	57	3,975	513,124	213,223
Total, -----			34,880	950		35,830	45	162				175	
St. Clair Coal Co.													
St. Clair, -----	Schuylkill, -----	P. & R., -----	168,011	87,000 ²	10,800	265,811	257	650	1	3	69,400	202,151	
Schuylkill Valley Coal Co.													
Progressive, ³ -----	Schuylkill, -----	P. & R., -----	21,813	903	6,081	28,802	188	111		2		8,175	
Thouron Coal Co.													
Thouron Washery, ⁴ -----	Schuylkill, -----	P. & R., -----	13,544	Electric Power		13,544	99	22					
Grand total, -----			2,893,203	469,216	68,239	3,430,658		7,243	26	98 ¹	73,800	1,223,430	770,502

¹Disability 60 days or more.²75,000 tons stored at colliery.³Formerly Lucy R. Port Carbon Coal Co.⁴New operation.

NINETEENTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Black Heath Coal Co. Black Heath, -----	Schuylkill, -----	-----	8,400	-----	125	8,525	288	20	-----	-----	-----	2,505	-----
Buck Run Coal Co. Buck Run, -----	Schuylkill, -----	P. & R., -----	242,732	33,050	2,891	278,673	291	542	6	10	-----	110,204	74,108
Butcher Creek Co. Laurel Run, -----	Schuylkill, -----	P. & R., -----	9,663	1,210	19	10,892	242	27	-----	-----	-----	-----	900
Darkwater Coal Co. New Castle, ----- Ellsworth, -----	Schuylkill, -----	Penna., -----	162,032	26,000	899	188,931	272	350	2	3	-----	52,147	1,500
Gardner Coal Co. Gardner Washery, -----	Schuylkill, -----	P. & R., -----	14,987	325	-----	15,312	64	45	-----	-----	-----	-----	-----
Inter-City Fuel Co., Inc. Wolf Creek Washery, -----	Schuylkill, -----	P. & R., -----	9,773	125	14	9,912	31	43	-----	-----	-----	-----	-----
Lytle Coal Co. Lytle, ----- Lytle Washery, -----	Schuylkill, ----- Schuylkill, -----	{Penna., ----- }P. & R., -----	247,672 10,468	54,252 745	4,418	306,342 11,213	276 59	666 32	9	9	-----	58,648	112,387
Total, -----	-----	-----	258,140	54,997	4,418	317,555	-----	698	9	9	-----	58,648	112,387
Oak Hill Coal Co. Oak Hill, -----	Schuylkill, -----	P. & R., -----	166,452	9,600	423	176,475	287	333	3	10	-----	23,300	97,575

NINETEENTH DISTRICT, 1921—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
P. & R. Coal & Iron Co. Otto, -----	Schuykill, -----	P. & R., -----	201,834	90,235	1,789	293,858	291	656	2	9	50	34,625	57,135
Phoenix Park, -----	Schuykill, -----	P. & R., -----	216,808	53,099	1,900	271,807	290	521	4	11	-----	11,477	128,854
John Veith, * -----	Schuykill, -----	P. & R., -----	52,419	-----	-----	52,419	291	78	-----	2	-----	125	15,300
Pine Knot, -----	Schuykill, -----	P. & R., -----	209,849	49,792	13,784	273,425	291	480	2	8	-----	96,560	66,378
Glendower, -----	Schuykill, -----	P. & R., -----	188,354	18,623	-----	206,977	291	370	1	6	-----	107,427	7,187
Thomaston, ** -----	Schuykill, -----	P. & R., -----	-----	19,655	-----	19,655	291	106	-----	2	-----	-----	360
Anchor Washery, -----	Schuykill, -----	P. & R., -----	869,264	231,404	17,533	1,118,201	-----	2,271	9	38	50	250,214	275,214
Total, -----	-----	-----	15,726	1,324	-----	17,050	41	72	-----	-----	-----	1,067	12
Pine Hill Coal Co. Pine Hill, -----	Schuykill, -----	-----	884,990	232,728	17,533	1,135,251	-----	2,343	9	38	50	251,281	275,226
Sherman Coal Corporation Sherman, -----	Schuykill, -----	Penna., -----	259,362	43,800	1,640	304,802	276	746	-----	16	250	29,000	98,100
York Farm Coal Co. York Farm Washery, -----	Schuykill, -----	P. & R., -----	23,148	-----	-----	23,148	274	76	-----	-----	-----	9,279	500
Grand total, -----	-----	L. V., -----	27,984	10	1,800	29,794	129	23	-----	-----	-----	-----	-----
-----	-----	-----	2,067,663	401,845	29,762	2,499,270	-----	5,246	29	86 ¹	300	536,364	660,296

¹Disability 60 days or more.

*Coal prepared at Otto breaker.

**Coal prepared at Pine Knot breaker.

TWENTIETH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh Valley Coal Co. Park, ----- Springdale Washery, -----	Schuylkill, Schuylkill, -----	L. V., ----- L. V., -----	421,872 ----- 20,974 -----	40,331 ----- 835 -----	4,236 -----	516,439 ----- 21,829 -----	294 ----- 57 -----	858 ----- 59 -----	5 -----	10 -----	25 -----	118,700 ----- 600 -----	165,950 -----
Total, -----			442,846 -----	91,186 -----	4,236 -----	538,268 -----		917 -----	5 -----	10 -----	25 -----	119,300 -----	165,950 -----
P. & R. Coal & Iron Co. Ellangowan, ----- Knickerbocker,* ----- Maple Hill, ----- Mahanoy City, ----- North Mahanoy, ----- Saint Nicholas, ----- Suffolk,** ----- Tunnel Ridge, -----	Schuylkill, Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, -----	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	337,899 ----- 136,379 ----- 303,844 ----- 307,325 ----- 238,547 ----- 103,044 ----- 249,978 ----- 229,853 -----	42,074 ----- 31,822 ----- 64,511 ----- 36,436 ----- 59,460 ----- 44,377 ----- 26,764 ----- 60,763 -----	1,343 -----	381,316 ----- 168,261 ----- 368,355 ----- 375,815 ----- 320,499 ----- 149,445 ----- 276,742 ----- 290,621 -----	292 ----- 292* ----- 294 ----- 292 ----- 292 ----- 294 ----- **294 ----- 294 -----	802 ----- 352 ----- 865 ----- 668 ----- 689 ----- 199 ----- 770 ----- 722 -----	2 ----- 4 ----- 8 ----- 2 ----- 5 ----- ----- 1 ----- 1 -----	27 ----- 11 ----- 23 ----- 10 ----- 16 ----- 13 ----- 18 ----- 21 -----	275 -----	142,963 ----- 69,978 ----- 64,703 ----- 157,000 ----- 154,735 ----- 39,811 ----- 100,913 ----- 182,963 -----	----- 14,891 ----- 67,000 ----- 50 ----- 50 ----- ----- ----- 4,425 -----
Washeries Knickerbocker, ----- North Mahanoy, -----	Schuylkill, Schuylkill, -----	P. & R., ----- P. & R., -----	9,508 ----- 42,624 -----	-----	-----	9,508 ----- 42,624 -----	43 ----- 60 -----	-----	-----	-----	-----	25 ----- 35 -----	921 -----
Total, -----			52,132 -----	-----	-----	52,132 -----	-----	-----	-----	-----	-----	60 -----	921 -----
Grand total, -----			1,979,001 -----	366,212 -----	37,913 -----	2,383,126 -----	-----	5,067 -----	23 -----	139 -----	1,850 -----	913,126 -----	87,337 -----
			2,421,847 -----	457,398 -----	42,149 -----	2,921,394 -----	-----	5,984 -----	28 -----	149 ¹ -----	1,875 -----	1,032,426 -----	253,287 -----

**Coal prepared at Saint Nicholas breaker.
*Coal prepared at Ellangowan breaker.
¹Disability 60 days or more.

TWENTY-FIRST DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Cambridge Coal Co. Cambridge, -----	Schuylkill, -----	P. & R., -----	6,766	3,640	617	11,023	182	43	-----	-----	-----	9,000	-----
Lehigh Valley Coal Co. Packer No. 2, ----- Packer No. 3, ----- Packer No. 4, ----- Packer No. 5, -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill,	L. V., ----- L. V., ----- L. V., ----- L. V., -----	216,905 131,495 173,553 503,509	17,619 76,639 66,545	----- 2,430 3,651	234,524 131,495 252,622 573,705	----- 291 ----- 294	328 179 437 719	----- 1 1 2	----- 1 12 5	----- ----- 12 -----	122,675 24,225 88,450 246,293	----- ----- ----- -----
Total, -----	-----	-----	1,025,462	160,803	6,081	1,192,346	-----	1,663	4	18	12	431,643	-----
Locust Mountain Coal Co. Weston, -----	Schuylkill, -----	L. V., -----	530,457	6,955	1,354	539,266	290	862	3	3	74,350	452,831	-----
P. & R. Coal & Iron Co. Hammond, ----- Indian Ridge, ----- Kohinoor, ----- Shenandoah City, ----- Turkey Run, ----- West Shenandoah, -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill,	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	263,839 177,879 ----- 209,557 623,086	85,106 20,936 12,804 46,022 64,029	4,337 ----- ----- 46,161 -----	353,332 198,815 12,804 301,740 687,115	294 293 294 294 294	657 455 222 724 558 591	2 2 ----- 5 3	8 10 5 17 11 10	----- 50 ----- ----- -----	92,070 112,429 41,794 91,676 114,900 50,312	72,057 ----- ----- 16,350 ----- 26,375
Plank Ridge Washery, -----	Schuylkill, -----	P. & R., -----	1,274,361 17,520	228,897 1,725	50,548 1	1,553,806 19,246	----- 43	3,207 89	12 -----	61 -----	50	503,181 290	114,782
Total, -----	-----	-----	1,291,881	230,622	50,549	1,573,052	-----	3,296	12	61	50	503,471	114,782
Raven Run Coal Co. Raven Run, -----	Schuylkill, -----	P. & R., -----	142,990	3,117	402	146,509	269	235	-----	1	2,125	15,774	31,488
Susquehanna Collieries Co. William Penn., -----	Schuylkill, -----	Penna., -----	202,061	35,763	1,937	239,811	249	484	-----	-----	-----	119,115	-----

× Production included with West Shenandoah Colliery.

TWENTY-SECOND DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
East Bear Ridge Colliery Co. East Bear Ridge, -----	Schuylkill, -----	P. & R., -----	236,835	22,500	2,875	262,210	282	430	1	4	-----	111,800	-----
Harleigh-Brookwood Coal Co. Lawrence, -----	Schuylkill, -----	P. & R. & Penna., -----	331,481	52,214	-----	383,695	288	759	1	8	-----	213,658	25,508
Lehigh Valley Coal Co. Centralia, ----- Sayre, -----	Columbia, ----- Northumberland, -----	L. V., ----- L. V., -----	417,426 311,834	62,304 84,000	6,250 4,948	485,980 400,782	290 284	753 763	1 2	2 13	----- 60	325,877 257,974	-----
Continental Washery, ----- Total, -----	Columbia, -----	L. V., -----	729,260 90,156	146,304 1,660	11,198	886,762 91,816	----- 116	1,516 35	3	15	60	583,851	-----
Laurel Coal Mining Co. Bickel, -----	Schuylkill, -----	P. & R., -----	819,416	147,964	11,198	978,578	-----	1,551	3	15	60	583,851	-----
P. & R. Coal & Iron Co. Locust Gap, ----- Locust Spring, ----- Potts, ----- Bast, ----- Gilberton, ----- Draper, ----- Boston Run, ----- Bancroft, ----- Total, -----	Northumberland, ----- Columbia, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Schuylkill, ----- Total, -----	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	21,436 506,367 299,225 268,667 193,088 149,806 104,144 87,132	190 90,155 42,205 58,240 70,447 35,396 45,768 11,521	2,309 11,722 15,664 6,875 ----- ----- ----- -----	21,626 508,831 353,152 342,571 270,410 185,202 149,912 98,653	223 231 292 291 292 262 292 143	58 390 805 777 730 652 461 351 205	----- 1 3 2 2 ----- 1 2 -----	1 12 19 19 17 10 5 3 6	----- ----- ----- ----- ----- 125 ----- 15,300	5,500 169,480 151,557 109,136 187,825 154,414 119,738 110,943 54,651	----- 1,350 34,987 111,761 32,387 25 900 ----- 181,410

*Coal prepared at Locust Gap breaker.

Reppier Coal Co. Locust Run Washery, -----	Columbia, -----	P. & R., -----	45,055	282	15	45,352	101	53	-----	-----	-----	-----
Midvalley Coal Co. Midvalley, -----	Columbia, -----	L. V., -----	182,291	49,132	2,983	234,406	271	439	2	5	-----	142,850
Girardville Mining Co. Girard, x x -----	Schuylkill, -----	P. & R., -----	97,189	32,941	-----	130,130	266	287	-----	6	-----	75,817
Grand total, -----	-----	-----	3,342,132	658,955	53,641	4,054,728	-----	7,953	18	130 ¹	15,485	2,201,270

¹ Disability 60 days or more.
x x Operated by W. R. McTurk Coal Co. previous to November, 1921.

TWENTY-THIRD DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Susquehanna Collieries Co.	Northumberland,	Penna.,	345,076	65,444	5,463	415,983	269	834	2	13		52,467	210,275
Pennsylvania,	Northumberland,	Penna.,	229,870	51,553		281,423	255	761	4	10		69,081	177,675
Richards,	Northumberland,	Penna.,	315,513	68,999		380,873	267	785	6	17		57,825	197,375
Scott,													
Hickory Ridge Washery,	Northumberland,	Penna.,	890,459	185,996	11,824	1,088,279	51	2,380	12	40		179,323	585,325
Total,			20,512	4,068		24,580		21					
P. & R. Coal & Iron Co.			910,971	190,064	11,824	1,112,859		2,401	12	40		179,323	585,325
Alaska,	Northumberland,	P. & R.,	296,840	36,160		333,000	290	879	1	21	450	237,820	14,902
Reliance,	Northumberland,	P. & R.,	221,256	40,338	40,406	302,000	288	675	3	10	50	154,062	116,450
Total,			518,096	76,498	40,406	635,000		1,554	4	31	500	391,882	131,352
Colonial Colliery Co.													
Natalie,	Northumberland,	P. & R.,	306,994	25,285	1,341	333,620	274	639	2	1		63,500	176,800
Greenough Red Ash Coal Co.													
Greenough,	Northumberland,	Penna.,	197,031	30,295	2,515	229,841	276	487	2			75,202	55,010
Excelsior Coal Co.													
Corbin,	Northumberland,	P. & R.,	190,000	12,000	600	202,600	270	303	3	1	9,300	3,900	51,000
Enterprise Coal Co.													
Enterprise,	Northumberland,	P. & R.,	144,921	54,750	816	200,487	259	594	2	1	40,825	19,147	157,555
Shamokin Red Ash Coal Co.													
Washery,	Northumberland,	Penna.,	62,578	3,200		65,778	208	55					
Grand total,			2,330,591	392,092	57,502	2,780,185		6,033	25	74 ¹	50,625	732,954	1,157,042

¹Disability 60 days or more.

TWENTY-FOURTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Buck Ridge Coal Mining Co. Buck Ridge, -----	Northumberland,	Penna. & P. & R., -----	142,479	32,000	3,851	178,330	285	364	3	3	-----	113,550	200
P. & R. Coal & Iron Co. North Franklin, -----	Northumberland,	P. & R., -----	368,658	32,630	7,088	408,371	289	834	4	18	150	342,153	-----
Bear Valley, -----	Northumberland,	P. & R., -----	360,903	39,867	2,569	403,339	291	836	2	16	1,300	287,790	-----
Burnside, -----	Northumberland,	P. & R., -----	384,327	53,745	23,666	461,738	292	696	-----	16	40,375	170,195	-----
Stirling, -----	Northumberland,	P. & R., -----	267,550	65,594	40,752	373,896	292	400	1	10	27,750	44,891	27,912
Henry Clay, -----	Northumberland,	P. & R., -----	-----	-----	-----	-----	-----	344	-----	9	225	38,300	57,603
Big Mountain, -----	Northumberland,	P. & R., -----	-----	-----	-----	-----	-----	-----	-----	9	1,125	164,771	-----
Total, -----	-----	-----	1,381,483	191,836	74,070	1,647,344	-----	3,371	7	78	70,925	1,048,100	85,515
Shipman Koal Co. Colbert, -----	Northumberland,	Penna., -----	82,858	19,200	404	102,462	217	387	-----	3	-----	39,525	27,450
Susquehanna Collieries Co. Cameron, -----	Northumberland,	Penna., -----	163,256	34,070	9,951	207,277	222	582	3	12	3,300	34,375	73,075
Luke Fidler, -----	Northumberland,	Penna., -----	240,296	35,347	3,307	278,950	258	607	1	7	2,800	85,539	75,450
Total, -----	-----	-----	403,552	69,417	13,258	486,227	-----	1,189	4	19	6,100	119,914	148,525
Trevorton Colliery Co. Katherine, -----	Northumberland,	P. & R., -----	119,180	11,020	945	131,145	247	252	2	-----	-----	21,381	51,598
Grand total, -----	-----	-----	2,129,507	323,473	92,528	2,545,508	-----	5,563	16	103 ¹	77,025	1,342,470	313,288

¹Disability 60 days or more.

TWENTY-FIFTH DISTRICT, 1921

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
P. & R. Coal & Iron Co.													
Lincoln, -----	Schuylkill,	P. & R., -----	341,517	72,333	5,724	419,574	294	1,027	7	17	3,025	158,647	19,675
Brookside, -----	Schuylkill,	P. & R., -----	312,186	55,065	5,905	373,156	295	977	2	15	-----	156,785	-----
Good Spring, -----	Schuylkill,	P. & R., -----	206,216	74,234	8,705	289,155	295	588	2	11	75	109,866	12,096
Tower City, †† -----	Schuylkill,	P. & R., -----	148,864	-----	-----	148,864	295	334	3	4	-----	154,850	-----
Valley View, * -----	Schuylkill,	P. & R., -----	154,311	-----	-----	154,311	295	290	2	6	-----	172,725	-----
Middle Creek, -----	Schuylkill,	P. & R., -----	70,237	5,401	3,007	78,665	147	265	1	1	-----	46,222	-----
			1,233,351	207,033	23,341	1,463,725	-----	3,431	17	54	3,100	799,095	31,771
Washeries													
Rausch Creek, † -----	Schuylkill,	P. & R., -----	22,359	8,787	-----	31,146	54	139	-----	-----	-----	23,925	-----
Lincoln, -----	Schuylkill,	P. & R., -----	26,355	-----	-----	26,355	41	63	-----	-----	-----	250	-----
			48,714	8,787	-----	57,501	-----	202	-----	-----	-----	24,175	-----
Total, -----			1,232,065	215,820	23,341	1,521,226	-----	3,633	17	54	3,100	823,270	31,771
Susquehanna Collieries Co.													
Short Mountain, -----	Dauphin,	Penna., -----	296,777	87,798	27,386	411,961	268	915	4	9	-----	153,487	133,155
Williamstown, -----	Dauphin,	Penna., -----	248,462	34,064	6,442	288,968	257	917	3	14	-----	68,899	155,996
			545,239	121,862	33,828	700,929	-----	1,832	7	23	-----	222,386	289,151
Washeries													
Short Mountain, -----	Dauphin,	Penna., -----	19,165	3,865	-----	23,030	144	16	-----	-----	-----	-----	-----
Williamstown, -----	Dauphin,	Penna., -----	16,667	65,817	-----	82,484	344	25	-----	-----	-----	-----	-----
Summit Slope Bank, -----	Dauphin,	Penna., -----	7,285	152	-----	7,437	253	6	-----	-----	-----	-----	-----
			43,117	69,834	-----	112,951	-----	47	-----	-----	-----	-----	-----
Total, -----			538,556	191,696	33,828	813,880	-----	1,879	7	23	-----	222,386	289,151
Grand total, -----			1,870,421	407,516	57,169	2,335,106	-----	5,562	24	771	3,100	1,045,656	320,922

†Disability 60 days or more.

*Coal prepared at Good Spring breaker.

†Opening drifts; no production.

††Coal prepared at Brookside breaker.

FIRST DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Barton Coal Co. Barton Washery, -----	Lackawanna, -----	N. Y. O. & W.	34,908			34,908	91	53					
Blakely Red Ash Coal Co. Red Ash, -----	Lackawanna, -----	Truck to N. Y. O. & W., -----	3,900		900	4,800	78	37	1		7,500		
Carbondale Coal Mining Co. Boland, -----	Lackawanna, -----	D. & H., -----	10,458	500	3,110	14,068	168	90		1	100	250	1,200
Clifford Coal Co. Stillwater, -----	Susquehanna, -----	Eric, -----	11,326	900	241	12,527	149	56			13,750	1,500	
Connell Anthracite Coal Co. Connell, -----	Sullivan, -----	L. V., -----	93,972	25,000	3,619	122,591	115	524	2	6	43,925	6,275	1,625
Grove Hill Coal Co. Grove Hill, -----	Lackawanna, -----	Truck to N. Y. O. & W., -----	13,396		3,119	16,515	143	53			125		9,875
Hillside Coal & Iron Co. Forest City, -----	Susquehanna, -----	Eric, -----	212,955	27,488	10,805	251,248	164	981	1	3	195,150	94,685	57,005
Hillside Coal & Supply Co. Hillside, -----	Lackawanna, -----	N. Y. O. & W.	1,578	55	732	2,365	75	49			500	1,000	
Hudson Coal Co. Clinton, -----	{Wayne, ----- {Susquehanna, ----- {Lackawanna, -----	D. & H., ----- D. & H., ----- D. & H., -----	16,403 62,878 194,102	710 2,720 8,397	284 1,092 3,389	17,397 66,690 205,868	143	765	{----- 1 1	{----- 1 6	139,100	81,780	62,097
Clinton Washery, -----	Wayne, -----	D. & H., -----	273,383 2,724	11,827 86	4,745	280,955 2,810	----- 15	765 ×	2	7	139,100	81,780	62,097
Total, -----			276,107	11,913	4,745	292,765	-----	765	2	7	139,100	81,780	62,097
Lackawanna Coal Co., Ltd. Lackawanna, -----	Lackawanna, -----	{Eric, ----- {D. L. & W., -----	122,163	26,269	15,755	164,187	139	551	1	2	57,500	51,075	-----

× Included with colliery.

FIRST DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
Mount Jessup Coal Co. Ltd.	Lackawanna,	{D. L. & W., N. Y. O. & W. Erie, D. & H.,	158,071	1,200	4,276	163,547	160	570	1	4	54,575	2,549	46,300
Mount Jessup No. 2,													
Murray B. Coal Co.	Lackawanna,	N. Y. O. & W.,	4,664	50	80	4,794	94	40			1,000		1,700
Simpson,													
Northern Anthracite Coal Co.	Sullivan,	L. V.,	68,741	6,000	2,986	77,697	108	218	2		63,000	4,500	
Murray,													
Racket Brook Coal Co.	Lackawanna,	D. & H.,	85,093	1,125	2,807	89,025	150	354		2	131,450	4,205	63,964
Racket Brook,													
Richmondale Coal Co.	Lackawanna,	N. Y. O. & W.,	12,260	515	169	12,944	124	46					3,000
Richmondale,													
Robertson Coal Co.	Lackawanna,	N. Y. O. & W.	22,857	125	2,100	25,082	95	40					
Robertson Washery,													
Seranton Coal Co.	Lackawanna,	N. Y. O. & W.	99,743	28,468	2,578	130,789	155	582		2	17,875	104,525	35,875
Ontario,													
Ontario Washery,			116,227	28,468	2,900	147,595		582		2	17,875	104,525	35,875
Total,													
Superior Anthracite Coal Co.	Lackawanna,	N. Y. O. & W.	1,850	120	50	2,020	60	34				250	2,200
Nay-Aug. No. 2,													
Temple Coal Co.	Lackawanna,	{Erie, N. Y. O. & W.,	69,057	7,799	1,138	77,994	149	314		1	9,200	63,937	
Northwest,													
Grand total,			1,319,583	137,587	59,502	1,516,672		5,359	10	28 ¹	734,750	416,531	284,841

¹Disability 60 days or more.
× × Included with colliery.

SECOND DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Amerman Coal Co. Fireside, -----	Lackawanna, -----	D. & H., -----	5,600	-----	-----	5,600	203	33	-----	1	75	200	-----
Archbald Coal Co. Tappans, -----	Lackawanna, -----	D. & H., -----	78,728	3,210	2,865	84,803	160	341	-----	2	3,750	6,750	45,875
Hillside Coal & Iron Co. Erie, -----	Lackawanna, -----	Erie, -----	78,071	776	-----	78,847	158	381	-----	1	160,325	1,560	36,130
Hudson Coal Co. Coal Brook, -----	Lackawanna, -----	D. & H., -----	390,524	35,947	2,898	429,369	151	1,336	1	8	230,300	33,562	41,609
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	301,626	9,558	5,898	317,082	143	1,025	1	7	126,700	4,130	91,570
Powderly, -----	Lackawanna, -----	D. & H., -----	227,396	25,813	9,843	263,052	153	946	2	2	112,875	17,006	45,316
Jermyn, -----	Lackawanna, -----	D. & H., -----	175,118	7,919	-----	183,037	125	806	5	11	76,675	20,336	101,224
Washeries Coal Brook, -----	Lackawanna, -----	-----	1,094,664	79,237	18,639	1,192,540	-----	4,113	9	28	546,550	75,034	279,779
Gravity Slope, -----	Lackawanna, -----	D. & H., -----	10,668	14,025	-----	24,693	151	#	-----	-----	-----	-----	-----
-----	Lackawanna, -----	D. & H., -----	20,090	552	-----	20,642	143	#	-----	-----	-----	-----	-----
-----	-----	-----	30,758	14,577	-----	45,335	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	1,125,422	93,814	18,639	1,237,875	-----	4,113	9	28	546,550	75,034	279,779
Humbert Coal Co. Sunnyside, -----	Lackawanna, -----	Erie, -----	66,323	3,600	612	70,535	165	265	-----	-----	24,525	5,575	35,000
Johnson Coal Co. Oak Run,* -----	Lackawanna, -----	D. & H., -----	13,154	415	344	13,913	90	50	-----	-----	-----	-----	-----
Lackawanna Coal Mining Co. Falls, -----	Lackawanna, -----	N. Y. O. & W. -----	412	-----	775	1,187	92	21	-----	1	250	-----	1,000
Murrin Coal Co. Murrin, -----	Lackawanna, -----	N. Y. O. & W. -----	32,088	226	2,681	34,995	169	149	-----	1	-----	8,359	2,400

Included with Coal Brook Colliery.
* Included with Gravity Slope Colliery.
*Stripping operation.

SECOND DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Rhondda Coal Co. Rhondda Washery, -----	Lackawanna, -----	N. Y. O. & W. -----	71,897	-----	-----	71,897	176	54	-----	-----	-----	-----	-----
Rose Coal Co. Rose Washery, -----	Lackawanna, -----	D. & H., -----	6,450	210	20	6,660	72	35	-----	-----	-----	-----	-----
Scranton Coal Co. Raymond, [†] -----	Lackawanna, -----	N. Y. O. & W. -----	94,638	8,473	-----	103,111	130	441	-----	1	11,250	99,000	240
Riverside, -----	Lackawanna, -----	N. Y. O. & W. -----	81,352	13,263	3,254	97,869	149	392	-----	-----	41,250	15,000	25,500
Total, -----	-----	-----	175,990	21,736	3,254	200,980	-----	833	-----	1	52,500	114,000	25,700
Temple Coal Co. Sterrick Creek, -----	Lackawanna, -----	Erie, -----	130,188	18,997	9,127	158,312	145	508	1	2	66,700	63,850	-----
Grand total, -----	-----	-----	1,784,323	142,984	38,317	1,965,624	-----	6,783	10	371	754,675	275,328	425,841

[†]Coal prepared at Ontario Colliery, 1st District.

¹Disability 60 days or more.

THIRD DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Warren T. Acker & Others Pleasant Mount Washery, ---	Lackawanna, ---	N. Y. O. & W., ---	23,471	+	---	23,471	67	18	---	---	---	---	---
H. P. Decker Coal Co. Cayuga Washery, ---	Lackawanna, ---	D. L. & W., ---	11,972	2,037	---	13,709	107	28	---	---	---	---	---
Glen Alden Coal Co. Diamond, ---	Lackawanna, ---	D. L. & W., ---	468,829	17,609	---	486,438	157	1,709	4	9	131,550	533,577	---
Hudson Coal Co. Eddy Creek, ---	Lackawanna, ---	D. & H., ---	320,224	6,301	3,157	329,682	135	1,313	7	5	375,575	---	50,547
Marvine, ---	Lackawanna, ---	D. & H., ---	285,427	30,527	25,282	341,236	144	1,680	4	6	379,100	9,462	137,291
Eddy Creek Washery	Lackawanna, ---	D. & H., ---	605,651	36,828	28,439	670,918	---	2,993	11	11	754,675	9,462	187,838
Total, ---	---	---	625,937	106,629	28,439	761,005	---	2,993	11	11	754,675	9,462	187,838
Legitts Creek Anthracite Co. Legitts Creek, ---	Lackawanna, ---	D. & H., ---	188,650	22,536	6,164	217,350	164	813	3	4	51,700	37,595	128,690
Mid-City Coal Co. Bulls Head, ---	Lackawanna, ---	N. Y. O. & W., ---	36,163	800	10,598	47,561	150	321	---	---	1,250	2,150	18,900
Scranton Coal Co. West Ridge, ---	Lackawanna, ---	N. Y. O. & W., ---	---	---	---	---	---	13*	---	---	---	---	---
Von Storch Collieries Co. Von Storch, ---	Lackawanna, ---	D. & H., ---	97,791	9,619	25,320	132,730	165	613	2	2	350	5,890	59,412
Grand total, ---	---	---	1,452,513	159,230	70,521	1,682,264	---	6,408	20	26 [†]	939,525	588,674	394,940

#Included with Eddy Creek Colliery.

†Not reported.

*Repairing.

†Disability 60 days or more.

FOURTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co. Hyde Park, -----	Lackawanna, -----	D. L. & W., -----	68,224	-----	14,457	82,681	76	592	1	5	75,900	23,219	-----
Green Ridge Coal Co. Green Ridge, -----	Lackawanna, -----	{Erie, -----} {D. & H., -----}	16,121	3,254	6,003	25,378	90	150	-----	1	3,254	24,025	-----
Hudson Coal Co. Manville,* -----	Lackawanna, -----	D. & H., -----	177,768	10,674	-----	188,442	139	241	2	-----	91,225	480	6,231
Lackawanna Fuel Co. Lackawanna Washery, -----	Lackawanna, -----	{D. L. & W., -----} {N. Y. O. & W., -----}	67,704	180	3,236	71,120	295	38	-----	-----	-----	400	-----
Pennsylvania Coal Co. No. 5, -----	Lackawanna, -----	Erie, -----	151,936	12,104	21,392	185,432	165	570	1	5	156,200	1,850	32,400
Petersburg Coal Co. Park, -----	Lackawanna, -----	-----	2,041	-----	-----	2,041	153	16	-----	1	-----	-----	-----
Price-Pancoast Coal Co. Pancoast, -----	Lackawanna, -----	{N. Y. O. & W., -----} {D. L. & W., -----}	145,218	59,804	5,382	210,404	164	779	3	6	141,525	16,806	1,200
Scranton Coal Co. Pine Brooke -----	Lackawanna, -----	N. Y. O. & W., -----	197,063	17,867	64,588	279,518	159	1,084	2	6	215,000	38,450	17,050
Capouse, # -----	Lackawanna, -----	N. Y. O. & W., -----	53,138	11,885	-----	66,523	147	329	1	1	40,000	8,000	58,000
Mount Pleasant, -----	Lackawanna, -----	N. Y. O. & W., -----	12,869	2,917	7,244	23,030	123	171	-----	-----	5,625	-----	19,500
Total, -----	-----	-----	265,070	32,169	71,832	369,071	-----	1,584	3	7	260,625	41,450	94,550
Se-Rob Coal Co. Se-Rob, -----	Lackawanna, -----	{D. L. & W., -----} {N. Y. O. & W., -----}	51,761	-----	4,713	56,474	155	123	-----	-----	44,750	-----	-----
Grand total, -----	-----	-----	945,843	118,185	127,015	1,191,043	-----	4,093	10	25 ¹	773,479	108,230	134,381

*Coal prepared at Marvine breaker, 3rd District.

#Coal prepared at Johnson breaker, 6th District.

¹Disability 60 days or more.

FIFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Black Diamond Fuel Co. Minooka Washery, -----	Lackawanna, -----	D. & H., -----	15,732			15,732	215	14					
John Gibbons Coal Co. Gibbons, -----	Lackawanna, -----	D. & H., -----	42,774	1,545	7,404	51,723	337	14					
Glen Alden Coal Co. National, -----	Lackawanna, -----	D. L. & W., -----	8,681	1,442	407	10,530	10	611	4	1	6,975	1,813	1,451
Baker, -----	Lackawanna, -----	D. L. & W., -----	160,844	9,501		170,345	142	668	1	6	150,075	63,777	
Sloan, -----	Lackawanna, -----	D. L. & W., -----	62,532	7,506		70,038	76	380		3	45,830	17,562	
Archbald, -----	Lackawanna, -----	D. L. & W., -----	243,591	83		243,674	160	847	4	4	108,000	147,024	
Continental, # -----	Lackawanna, -----	D. L. & W., -----						116	1	1			
Hampton Power Plant, -----	Lackawanna, -----	D. L. & W., -----					365	67			110		
Total, -----			475,648	18,532	407	494,587		2,698	10	15	311,010	230,176	1,451
Hudson Coal Co. Greenwood, -----	Lackawanna, -----	D. & H., -----	233,375	16,085	7,388	256,848	132	1,000	2	1	228,430	23,678	87,401
Moffat Coal Co. W. Y. Moffat, x x x -----	Lackawanna, -----	L. & W. V., -----	22,123	200	1,100	23,428	117	141	1		2,000		11,700
Park Hill Coal Co. Park Hill, * -----	Lackawanna, -----	{D. & H., -----} {D. L. & W., -----}	4,520		1,249	5,769	85	35			1,250	6,580	
Powell & Jennings Rocky Glen, -----	Lackawanna, -----	L. & W. V., -----	3,600			3,600	45	130		1	250	500	
Scranton Anthracite Coal Co. Oak Hill, -----	Lackawanna, -----	N Y. S. & W., -----	19,799	500		20,299	167	240			25,250	4,325	29,575
Slocum Hollow Coal Co. Slocum, -----	Lackawanna, -----	D. & H., -----	9,466	321	2,567	12,354	87	30				9,620	
Grand total, -----			827,042	37,183	20,115	884,340		4,302	13	171	563,210	274,879	130,127

x x x Formerly Carleton. x Stripping Operation. # Fighting mine fire. * Coal prepared at Slocum Colliery. 1 Disability 60 days or more.

SIXTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Bald Mountain Coal Co. Marshwood, x	Lackawanna,	D. L. & W.,	15,437	1,983	283	17,703	125	94			3,125	2,725	3,250
John J. Boland Coal Co. Boland,	Lackawanna,	Erie,	4,598	20	3,512	8,130	163	30			2,175	450	1,750
Carney & Brown Coal Co. Carney & Brown,	Lackawanna,	{D. L. & W., Erie,	9,023	715	2,129	11,872	110	65		1	7,500	3,825	2,125
Glen Alden Coal Co. Storrs,	Lackawanna,	D. L. & W.,	420,409	33,928	21,560	475,897	157	1,460	4	12	666,375	87,624	
Hudson Coal Co. Olyphant,	Lackawanna,	D. & H.,	355,593	48,146	16,777	420,516	140	1,446	2	5	332,050		95,977
Mount Jessup Coal Co., Ltd.	Lackawanna,	{D. L. & W., N. Y. O. & W., Erie, D. & H.}	15,769	297	97	16,163	37	151			950	86	17,800
Mount Jessup No. 1, x	Lackawanna,	Erie,	23,109	1,000		24,109	115	156		1	250	1,000	1,000
Nay-Aug Coal Co. Nay-Aug,	Lackawanna,	Erie,	491,403	30,360	103	521,871	162	1,355	2	7	470,700	7,240	32,967
Pennsylvania Coal Co. No. 1,	Lackawanna,	Erie,	387,473	24,294	4,852	416,619	171	1,170	5	6	392,475	198,570	
Underwood,	Lackawanna,	Erie,	873,876	54,654	4,960	938,490		2,525	7	13	863,175	200,810	32,967
Total,													
Quinn Coal Co. No. 6 Washery,	Lackawanna,	Erie,	78,236			78,236	265	101					
Scranton Coal Co. Johnson,	Lackawanna,	N. Y. O. & W.	58,665	14,643	4,098	77,406	123	400			17,500	12,025	
Richmond No. 3, x x x	Lackawanna,	N. Y. O. & W.	32,109	7,257		39,366	127	240	1	1	50,000	16,400	
Total,			90,774	21,900	4,098	116,772		640	1	1	67,500	28,425	

x Coal prepared at Mount Jessup No. 2 breaker, 1st district.

x x x Coal prepared at Johnson breaker.

Spencer Coal Co.	Lackawanna, -----	Eric, -----	38,681	1,500	12,270	52,451	161	199	-----	2,650	7,050	2,850
Scranton Anthracite Coal Co.	Lackawanna, -----	N. Y. O. & W.	12,502	-----	155	12,637	149	72	-----	9,000	3,000	12,000
Blakely, x x -----	Lackawanna, -----	D. L. & W.,---	6,073	1,297	-----	7,370*	40	55	-----	-----	-----	-----
Scranton Anthracite Briquette Co.	Lackawanna, -----	-----	1,949,085	165,440	65,841	2,180,366	-----	6,994	14	33 ¹	1,954,750	169,719
Dickson-City Plant, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

x x Coal prepared at Lackawanna breaker, 1st District.
*Coal obtained from culm bank, Storrs Colliery, Glen Alden Coal Co.
¹Disability 60 days or more.

SEVENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Glen Alden Coal Co.	Lackawanna, -----	D. L. & W., -----	364,004	12,023	16,311	392,338	155	980	3	9	307,575	42,142	-----
Taylor, -----	Lackawanna, -----	D. L. & W., -----	263,478	10,653	3,602	277,733	156	790	1	3	266,125	10,857	565
Pyne, -----	Luzerne, -----	D. L. & W., -----	93,594	6,848	3,319	103,761	154	338	-----	2	28,950	66,800	75
Hallstead, -----	-----	-----	721,076	29,524	23,232	773,832	-----	2,108	4	14	602,650	119,799	641
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Hillside Coal & Iron Co.	Luzerne, -----	Erie, -----	45,538	3,509	5,862	54,909	138	225	1	-----	47,275	2,756	-----
Consolidated, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Jermyn & Co.	Lackawanna, -----	{Erie, -----}	175,502	16,875	8,620	200,997	135	850	-----	2	112,500	115,900	20,506
Jermyn, -----	-----	{D. L. & W., -----}	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Pennsylvania Coal Co.	Lackawanna, -----	Erie, -----	213,766	49,554	168	263,488	124	1,307	3	4	111,875	18,431	55,316
Old Forge, -----	Luzerne, -----	Erie, -----	123,257	15,568	6,944	145,769	149	635	3	2	119,300	16,604	7,704
Central, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	337,023	65,122	7,112	409,257	-----	1,942	6	6	231,175	30,085	63,020
Suffolk Coal Co.	Luzerne, -----	D. & H., -----	134,062	3,240	6,625	143,927	162	482	1	1	8,900	4,737	54,100
Avoca, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Dennington Coal Co.	Lackawanna, -----	D. L. & W., -----	23,734	-----	-----	23,734	135	23	-----	-----	-----	-----	-----
Washery, -----	-----	& Erie, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Reap-Murphy Coal Co.	Lackawanna, -----	D. L. & W., -----	18,811	-----	-----	18,811	93	33	-----	-----	-----	-----	-----
Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Grand total, -----	-----	-----	1,455,746	118,270	51,451	1,625,467	-----	5,663	12	23 ¹	1,002,500	273,227	138,261

¹Disability 60 days or more.

EIGHTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Hillside Coal & Iron Co. Butler, -----	Luzerne, -----	Erie, -----	303,189	35,730	5,862	344,781	128	1,474	2	5	226,550	104,375	-----
Hudson Coal Co. Lafin,* -----	Luzerne, -----	D. & H., -----	135,998	9,019	1,113	146,130	133	561	2	2	93,900	22,948	43,223
Pennsylvania Coal Co. Number 14, ----- Ewen, ----- Number 6, ----- Number 9, ----- Barnum, -----	Luzerne, ----- Luzerne, ----- Luzerne, ----- Luzerne, ----- Luzerne, -----	Erie, ----- Erie, ----- Erie, ----- Erie, ----- Erie, -----	338,269 309,819 246,951 330,054 50,920	75,476 48,814 24,761 36,729 15,451	10,882 669 12,261 11,563 3,047	424,657 359,302 283,973 378,336 69,418	136 145 146 156 121	1,840 1,729 1,814 1,632 359	----- 1 1 1 -----	10 8 12 9 4	328,350 246,950 268,650 224,600 14,850	81,139 92,128 95,102 55,591 2,252	5,322 75 11,855 64,729 7,700
Total, -----	-----	-----	1,276,043	201,231	38,412	1,515,686	-----	7,374	3	43	1,083,400	326,212	89,681
Grand total, -----	-----	-----	1,715,230	245,980	45,387	2,006,597	-----	9,409	7	50 ¹	1,403,850	453,535	132,904

Note: The following companies operated during the year but the Inspector failed to obtain the proper reports: Benjamin Coal Co., East Pittston Coal Co., Pittston Fuel Co., Scranton Fuel Co., Yatesville Coal Co.
*Coal prepared at Pine Ridge breaker, 10th District.
¹Disability 60 days or more.

NINTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Harris-Denly Coal Co. Kintz, -----	Luzerne, -----	{ L. V., ----- } { D. L. & W., - }	18,900	1,400	1,438	21,738	151	92	-----	-----	-----	6,950	10,500
Healey Coal Co. Troy, # -----	Luzerne, -----	L. V., -----	2,109	*	-----	2,109	32	48	1	-----	300	800	-----
John Ames Coal Co. Phoenix Washery, -----	Luzerne, -----	L. V., -----	10,742	75	-----	10,817	78	32	-----	-----	-----	-----	-----
John Fib Coal Co. Wyoming Washery, -----	Luzerne, -----	L. V., -----	10,755	77	-----	10,832	66	34	-----	-----	-----	-----	-----
Kingston Coal Co. Kingston No. 4, -----	Luzerne, -----	{ D. L. & W., - } { Penna., L. V., - } { D. & H., - of } { C. R. R., - } { N. J., - }	143,827	38,000	191	182,018	162	724	1	5	88,975	4,250	17,250
Lehigh Valley Coal Co. Exeter, -----	Luzerne, -----	L. V., -----	165,894	56,131	29,323	251,348	146	744	1	4	21,000	156,600	-----
Westmoreland, -----	Luzerne, -----	L. V., -----	96,944	20,090	5,825	122,859	151	356	-----	6	2,375	91,450	-----
Maltby, -----	Luzerne, -----	L. V., -----	154,874	22,801	8,170	185,845	146	595	1	4	35,775	111,900	-----
Seneca, -----	{ Lackawanna, - } Luzerne, -----	{ L. V., - } { D. & H., - }	27,660	-----	-----	27,660	-----	88	1	1	11,715	-----	-----
Heidelberg, -----	Luzerne, -----	{ L. V., - } { D. & H., - }	160,336	54,508	22,783	237,627	151	881	2	-----	105,435	159,050	-----
	Luzerne, -----	-----	74,914	40,887	1,922	117,723	134	353	1	3	22,200	23,100	-----
Total, -----	-----	-----	680,622	194,417	68,023	943,062	-----	3,022	6	18	198,500	547,100	-----

*Power purchased.

#Coal prepared at Wyoming Washery.

Mount Lookout Coal Co.	Luzerne, -----	D. L. & W., L. V., -----	75,103	18,123	7,460	100,686	117	380	2	2	8,500	91,800	-----
Forty Fort, -----	Luzerne, -----	L. V., -----	143,241	24,200	5,422	172,863	153	505	2	1	28,300	92,862	-----
Harry E., -----	Luzerne, -----	L. V., -----	140,708	29,206	4,929	174,838	124	474	1	1	39,425	90,425	-----
Total, -----	-----	-----	288,944	53,406	10,351	347,701	-----	979	3	2	67,725	183,287	-----
Grand total, -----	-----	-----	1,226,002	305,498	87,463	1,618,963	-----	5,311	13	271	359,000	834,187	27,750

^aDisability 60 days or more.

TENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employes	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Central Coal Co. Wyoming, -----	Luzerne, -----	D. & H., -----	34,297	1,050	1,512	36,859	163	174	2	1	41,037	1,817	6,842
John Conlon Conlon, -----	Luzerne, -----	D. & H., -----	30,398	200	6,892	37,490	161	139	-----	1	18,750	1,450	13,650
East Boston Coal Co. East Boston, -----	Luzerne, -----	{ D. L. & W., L. V., Penna. D. & H., ----- }	71,535	45,625	3,847	121,007	137	545	1	1	1,122	4,734	24,950
Glen Alden Coal Co. Pettebone, -----	Luzerne, -----	D. L. & W., -----	348,492	31,917	8,098	388,507	162	968	1	4	159,225	40,339	106,785
Haddock Mining Co. Black Diamond, -----	Luzerne, -----	{ L. V., ----- D. L. & W., ----- }	90,904	11,800	8,928	111,632	151	368	1	1	15,625	10,500	29,400
Healey Coal Co. Miners Mills, -----	Luzerne, -----	L. V., -----	10,562	450	303	11,315	120	98	-----	-----	9,000	850	-----
Hudson Coal Co. Pine Ridge, ----- Delaware,* ----- Pine Ridge Washery, -----	Luzerne, ----- Luzerne, ----- Luzerne, -----	D. & H., ----- D. & H., ----- D. & H., -----	422,297 8,217	44,826 575	9,286	476,409 8,792	139 { 139	1,084 629 #	2 1 -----	3 2 -----	127,175 198,925	29,756 26,142	70,207 109,482
Total, -----	-----	-----	430,514	45,401	9,286	485,201	-----	1,713	3	5	336,100	55,898	179,689
Lehigh Valley Coal Co. Henry,\$ ----- Mineral Spring, -----	Luzerne, ----- Luzerne, -----	L. V., ----- L. V., -----	249,847 147,365	46,894 16,171	6,671 6,826	303,412 170,362	155 146	812 496	3 1	3 6	109,875 5,925	167,275 122,925	3,925 -----
Total, -----	-----	-----	397,212	63,065	13,497	473,774	-----	1,308	4	9	115,800	290,200	3,925

*Included with Pine Ridge Colliery. \$Coal prepared at Pine Ridge breaker. \$Coal prepared at Prospect breaker, 11th District.

Raub Coal Co. Louise, -----	Luzerne, -----	L. V., -----	38,486	1,200	9,599	49,285	110	267	-----	-----	1,000	7,200	19,775
Traders Coal Co. Ridgewood, -----	Luzerne, -----	{N. Y. S. & W. C. R. R. of N. J., -----}	86,918	600	770	88,288	145	401	1	-----	47,500	7,300	30,000
Wilkes-Barre Colliery Co. Madeira, -----	Luzerne, -----	D. & H., -----	95,413	1,305	1,988	98,706	151	395	-----	2	86,800	41,020	200
Grand total, -----	-----	-----	1,634,731	202,613	64,720	1,902,064	-----	6,376	13	24 ¹	831,959	461,308	414,716

¹Disability 60 days or more.

ELEVENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Hillman Coal Co. Hillman, -----	Luzerne, -----	L. V., -----	23,822	5,400	849	30,071	71	296	1	6	28,750	3,110	1,500
Hudson Coal Co. Baltimore No. 5, -----	Luzerne, -----	D. & H., -----	340,659	57,429	22,185	420,273	135	1,631	5	21	147,525	7,575	156,978
Lehigh & Wilkes-Barre Coal Co. Hollenback No. 2, -----	Luzerne, -----	C. R. R. of N. J., -----	73,535	20,736	58,031	152,302	138	641	3	2	97,975	21,484	51,850
South Wilkes-Barre No. 5, -----	Luzerne, -----	C. R. R. of N. J., -----	150,554	23,574	88,424	262,552	137	823	-----	11	625	9,013	151,362
Stanton No. 7, -----	Luzerne, -----	C. R. R. of N. J., -----	367,703	26,067	30,053	423,823	160	1,342	2	8	180,000	19,824	164,375
Empire Washery, -----	Luzerne, -----	C. R. R. of N. J., -----	591,792	70,377	176,508	838,677	-----	2,806	5	21	278,600	50,321	367,587
Total, -----	-----	-----	615,095	74,203	184,943	874,241	-----	2,850	5	21	278,600	50,321	367,587
Lehigh Valley Coal Co. Dorrance, -----	Luzerne, -----	L. V., -----	230,734	38,730	45,735	315,199	152	899	4	14	133,525	113,075	-----
Prospect, -----	Luzerne, -----	L. V., -----	158,347	54,211	9,016	221,574	155	793	3	9	100,525	67,325	16,625
Total, -----	-----	-----	389,081	92,941	54,751	536,773	-----	1,692	7	23	234,050	180,400	16,625
Red Ash Coal Co. Red Ash No. 2, -----	Luzerne, -----	C. R. R. of N. J., -----	22,809	2,973	5,910	31,692	46	218	-----	2	750	1,300	3,400
Grand total, -----	-----	-----	1,391,466	232,946	268,638	1,893,050	-----	6,687	18	73 ¹	689,075	242,706	546,090

¹Disability 60 days or more.

TWELFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Cullen Fuel Co., Inc. Plymouth Washery, -----	Luzerne, -----	{ D. L. & W., --- C. R. R. of { N. J., ---	26,195	200	350	26,745	118	36					
Glen Alden Coal Co. Woodward, -----	Luzerne, -----	{ D. L. & W., --- D. L. & W., ---	658,407		10,309	668,716	162	1,771	7	11	324,225	16,775	200,700
Woodward Bank, -----	Luzerne, -----	{ D. L. & W., --- D. L. & W., ---				#	162	#					
Nantioke Power Plant, x -----	Luzerne, -----	{ D. L. & W., --- D. L. & W., ---					365	37	1				
Total, -----			658,407		10,309	668,716		1,808	8	11	324,225	16,775	200,700
Hudson Coal Co. Loree No. 5, -----	Luzerne, -----	{ D. & H., --- D. & H., ---	584,321	67,171	26,286	677,778	133	2,419	2	11	480,850	52,395	11,889
Loree Washery, -----	Luzerne, -----	{ D. & H., --- D. & H., ---	2,066	1,078		3,144	133	#					
Total, -----			586,387	68,249	26,286	680,922		2,419	2	11	480,850	52,395	11,889
Kingston Coal Co. Kingston No. 2, -----	Luzerne, -----	{ D. L. & W., --- Penna. D. & { H. C. R. R. of	155,936	13,000	36,988	205,924	161	806	2	1	113,725	3,425	2,265
Gaylord, -----	Luzerne, -----	{ H. C. R. R. of N. J. L. V., ---	48,942	11,000	2,640	62,582	160	317			11,625	8,800	
Total, -----			204,878	24,000	39,628	268,506		1,123	2	1	125,350	12,225	2,265
Larksville Coal Co. Black Diamond,\$ -----	Luzerne, -----		4,315			4,315	166	45				50	950

Included with Woodward Colliery.
Included with Loree No. 5 Colliery.
x Furnishes power for Woodward Colliery.
\$ Coal prepared at Black Diamond Colliery, 10th District.

TWELFTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	C. R. R. of	256,659	26,024	18,426	301,109	160	868	1	10	226,975	4,854	48,418
Lance No. 11, -----	Luzerne, -----	N. J., R. of	259,434	31,730	35,786	326,950	159	919	4	12	119,075	12,610	5,042
Nottingham No. 15, -----	Luzerne, -----	N. J., R. of	-----	-----	-----	× ×	159	× ×	-----	-----	-----	-----	-----
Nottingham Bank, -----	Luzerne, -----	N. J., -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total, -----	-----	-----	516,093	57,754	54,212	628,059	-----	1,787	5	22	346,050	17,464	53,490
Plymouth Red Ash Coal Co. Red Ash, -----	Luzerne, -----	D. L. & W., --	9,153	193	2,413	11,759	165	47	-----	-----	-----	50	1,500
Grand total, -----	-----	-----	2,005,428	150,396	133,198	2,289,022	-----	7,265	17	45 ¹	1,276,475	98,959	270,794

¹Disability 60 day or more.

× × Included with Nottingham No. 15 Colliery.

THIRTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
Glen Alden Coal Co.													
Truesdale, -----	Luzerne, -----	D. L. & W., -----	742,642	46,142	6,536	795,320	154	1,979	6	10	145,175	55,175	405,900
Loomis, -----	Luzerne, -----	D. L. & W., -----	421,655	15,795	5,884	443,334	155	1,023	2	1	-----	9,800	290,930
Avondale, -----	Luzerne, -----	D. L. & W., -----	138,309	21,995	3,626	163,930	157	513	-----	1	20,725	9,296	42,525
Total, -----	-----	-----	1,302,606	83,932	16,046	1,402,584	-----	3,515	8	12	165,900	74,271	739,375
George F. Lee Coal Co.													
Chauncey, -----	Luzerne, -----	D. L. & W., -----	22,024	-----	921	22,945	94	185	1	1	600	7,512	-----
Lehigh Valley Coal Co.													
Franklin, -----	Luzerne, -----	L. V., -----	163,665	27,925	6,473	198,063	144	630	3	-----	12,125	102,775	-----
Warrior Run, * -----	Luzerne, -----	L. V., -----	52,618	8,444	674	61,736	155	196	-----	1	700	37,425	-----
Total, -----	-----	-----	216,283	36,369	7,147	259,799	-----	826	3	1	12,825	140,200	-----
Lehigh & Wilkes-Barre Coal Co.													
Sugar Notch No. 9, -----	Luzerne, -----	C. R. R. of N. J., -----	260,987	12,329	3,905	277,321	161	860	7	5	1,900	11,169	147,107
Maxwell No. 20, -----	Luzerne, -----	C. R. R. of N. J., -----	271,315	20,045	19,023	310,383	160	1,025	4	10	31,225	10,966	155,450
Buttonwood No. 22, -----	Luzerne, -----	C. R. R. of N. J., -----	161,929	26,164	2,636	190,729	154	580	-----	2	-----	1,923	127,575
Total, -----	-----	-----	694,231	58,538	25,564	778,333	-----	2,465	11	17	33,025	24,058	430,132
Pittston Coal Mining Co.													
Hadleigh, -----	Luzerne, -----	C. R. R. of N. J., -----	70,606	12,450	826	83,882	161	280	1	1	-----	20,000	-----
West Nanticoke Coal Co.													
West Nanticoke, -----	Luzerne, -----	Penna., -----	45,083	930	-----	46,013	126	156	-----	-----	4,950	7,030	1,100
Grand total, -----	-----	-----	2,350,833	192,219	50,504	2,593,556	-----	7,427	24	32 ¹	217,300	273,071	1,170,607

*Coal prepared at Prospect breaker, 11th District.

¹Disability 60 days or more.

FOURTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non-fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Alden Coal Co.	Luzerne, -----	C. R. R. of N. J., -----	153,036	9,476	6,548	169,060	129	696	2	5	68,675	-----	35,483
Alden Washery, -----	Luzerne, -----	C. R. R. of N. J., -----	58,679	-----	143	58,822	159	28	-----	-----	-----	-----	-----
Total, -----	-----	-----	211,715	9,476	6,691	227,882	-----	724	2	5	68,675	-----	35,483
East Alden Mining Co.	Luzerne, -----	L. V., -----	19,919	114	-----	20,033	100	62	-----	-----	-----	300	8,550
Glen Alden Coal Co.	Luzerne, -----	D. L. & W., -----	182,657	6,478	-----	189,135	151	410	3	1	-----	900	106,350
Auchincloss, \$ -----	Luzerne, -----	D. L. & W., -----	331,862	37,768	5,133	374,763	158	894	1	5	40,575	21,864	143,975
Bliss, -----	-----	-----	514,519	44,246	5,133	563,898	-----	1,304	4	6	40,575	22,764	250,325
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lehigh & Wilkes-Barre Coal Co.	Luzerne, -----	C. R. R. of N. J., -----	373,729	14,364	5,271	393,364	156	1,065	2	2	14,775	32,420	172,021
Wanamie No. 18, -----	Luzerne, -----	C. R. R. of N. J., -----	104,999	#21,929	-----	126,928	168	73	-----	-----	-----	-----	-----
Wanamie Washery, -----	-----	-----	478,728	36,293	5,271	520,292	-----	1,138	2	2	14,775	32,420	172,021
Total, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Nanticoke Valley Coal Co.	Luzerne, -----	Penna., -----	30,034	-----	-----	30,034	72	84	-----	-----	-----	-----	-----
No. 5 Washery, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
E. S. Stackhouse Coal Co.	Luzerne, -----	D. L. & W., -----	47,499	920	1,110	49,529	151	223	1	-----	1,000	17,375	15,325
Salem, -----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\$Coal prepared at Loomis Breaker, 13th District.

#Used for steam and heat at Wanamie No. 18 Colliery.

FIFTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Coxe Brothers & Co., Inc. Drifton Nos. 1, 2, 9, 10, ---	Luzerne, ---	L. V., ---	141,688	53,176	13,898	207,762	154	664	---	4	2,275	92,832	---
Eckley & Buck Mountain,* ---	Luzerne, ---	L. V., ---	170,792	12,492	3,712	186,996	158	380	1	1	---	51,503	---
Deringer, Gowan & Tomhicken, # ---	Luzerne, ---	L. V., ---	185,340	1,280	3,381	190,001	154	722	1	---	---	137,897	---
Total, ---	---	---	497,820	66,948	19,991	584,759	---	1,766	2	5	2,275	282,142	---
East Point Coal Co. Pond Creek, ---	Luzerne, ---	C. R. R. of N. J., ---	13,400	61	211	13,672	98	104	---	---	---	2,245	6,190
Jeddo-Highland Coal Co. Highland No. 2, ---	Luzerne, ---	L. V., ---	80,457	30,454	6,793	117,704	138	440	1	2	---	50,479	---
Highland No. 5, ---	Luzerne, ---	L. V., ---	217,915	20,321	546	238,782	146	532	---	2	---	107,431	---
Jeddo No. 4, ---	Luzerne, ---	L. V., ---	266,544	32,753	8,167	307,464	160	1,015	---	13	---	207,478	---
Jeddo No. 7, ---	Luzerne, ---	L. V., ---	146,852	9,091	12,743	168,686	140	308	---	1	---	55,575	---
Total, ---	---	---	711,768	92,619	28,249	832,636	---	2,295	1	18	---	430,963	---
M. S. Kemmerer & Co. Sandy Run, ---	Luzerne, ---	C. R. R. of N. J., ---	42,034	961	1,217	44,212	166	162	---	1	---	404	14,623
Lehigh Valley Coal Co. Hazleton No. 1, ---	Luzerne, ---	L. V., ---	112,406	10,854	47,667	170,927	145	458	4	2	---	61,029	---
Hazleton Shaft, ---	Luzerne, ---	L. V., ---	152,666	34,254	4,901	191,821	151	825	1	2	---	123,195	---
Total, ---	---	---	265,072	45,108	52,568	362,748	---	1,283	5	4	---	184,224	---

*Coal prepared at Drifton and Hazleton Shaft breakers.

#Coal prepared at Hazleton Shaft breaker.

Pardee Brothers & Co., Inc. Lattimer, -----	Luzerne, -----	L. V., -----	301,845	38,373	13,457	353,675	156	1,028	-----	5	-----	229,200	-----
Wentz Co. Upper Lehigh, -----	Luzerne, -----	C. R. R. of N. J., -----	84,882	7,125	1,176	93,183	167	282	-----	3	-----	62,208	-----
J. S. Wentz Co. Hazle Brook, -----	Luzerne, -----	L. V., -----	43,931	10,792	830	55,053	68	189	-----	1	-----	11,975	-----
Wolf Collieries Co. Wolf, x -----	Luzerne, -----	L. V., -----	21,758	-----	-----	21,758	156	91	-----	-----	-----	18,400	-----
Grand total, -----	-----	-----	1,982,510	261,987	117,199	2,361,696	-----	7,200	-----	371	2,275	1,211,761	20,812

x Coal prepared at Drifton Colliery.
1 Disability 60 days or more.

SIXTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Beaver Valley Coal Co. Scotch Valley, -----	Columbia, -----	Penna., -----	35,426	2,630	235	38,341	145	150	-----	2	10,500	8,925	4,475
Campion Coal Co. Silver Brook Washery, -----	Schuylkill, -----	P. & R., -----	6,295	-----	-----	6,295	54	25	-----	1	-----	-----	-----
Candlemas Collieries Co. Candlemas Washery, -----	Schuylkill, -----	P. & R., -----	16,469	-----	-----	16,469	86	46	-----	-----	-----	-----	-----
Coxe Brothers & Co., Inc. Beaver Meadow, -----	Carbon, -----	L. V., -----	132,862	14,119	6,673	153,654	133	454	1	4	-----	85,472	-----
Oneida, x -----	Schuylkill, -----	L. V., -----	129,713	11,882	1,066	142,661	148	542	-----	2	-----	77,213	-----
Total, -----	-----	-----	262,575	26,001	7,739	296,315	-----	996	1	6	-----	162,685	-----
Cranberry Creek Coal Co. Cranberry, -----	Luzerne, -----	L. V., -----	335,987	24,297	130,184	490,468	148	1,292	1	9	-----	18,475	155,753
Charles M. Dodson & Co. Beaver Brook, -----	Luzerne, -----	{ L. V., C. R. } { R. of N. J., -- }	170,485	2,384	3,486	176,355	169	504	-----	3	12,700	63,875	-----
Evans Colliery Co. Evans, -----	Carbon, -----	L. V., -----	45,491	600	857	46,948	134	180	-----	-----	-----	3,250	27,425
Harwood Coal Co. Harwood, -----	Luzerne, -----	L. V., -----	54,441	-----	21,725	76,166	150	392	-----	1	-----	-----	32,125
Lehigh & Wilkes-Barre Coal Co., -----	Schuylkill, -----	C. R. R. of N. J., -----	110,945	41,793	5,246	157,984	156	593	-----	2	116	81,750	560
Audenried No. 4, -----	Carbon, -----	C. R. R. of N. J., -----	75,252	-----	-----	75,252	-----	138	-----	4	59	40,877	250
Honey Brook No. 5, -----	Schuylkill, -----	C. R. R. of N. J., -----	186,197	41,793	5,246	233,236	-----	736	-----	6	175	122,627	840
Total, -----	-----	-----	140,501	17,335	-----	157,836	135	506	-----	7	11,625	65,100	-----
-----	-----	-----	326,698	50,128	5,246	391,072	-----	1,332	-----	13	11,840	187,427	840

EIGHTEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Alliance Coal Mining Co. Alliance, -----	Schuylkill, -----	P. & R., -----	136,670	8,475	1,138	146,283	161	589	-----	4	-----	36,502	58,140
Bergen Coal Co. Bergen, -----	Schuylkill, -----	Truck to P. & R., -----	6,922	750	3,621	11,293	153	41	-----	-----	-----	-----	3,000
Gorman & Campion Coal Co. Bell, -----	Schuylkill, -----	P. & R., -----	29,020	2,000	1,749	32,769	168	100	-----	-----	-----	-----	10,000
Hudson Coal Co. Milford Drift,* -----	Schuylkill, -----	P. & R., -----	-----	-----	-----	-----	-----	9	-----	-----	-----	-----	-----
Lehigh Coal & Navigation Co. Tamaqua, -----	Schuylkill, -----	L. & N. E., -----	213,030	34,727	3,646	251,403	162	777	-----	7	-----	145,135	28,325
Arlington Washery, -----	Schuylkill, -----	L. & N. E., -----	6,619	18	188	6,825	54	13	-----	-----	-----	-----	-----
Total, -----	-----	-----	219,649	34,745	3,834	258,228	-----	790	-----	7	-----	145,135	28,925
Lehigh Valley Coal Co. Buck Mountain, -----	Schuylkill, -----	L. V., -----	194,097	36,155	1,657	231,909	157	700	5	-----	-----	21,682	135,075
Maryd Coal Co. Maryd, -----	Schuylkill, -----	P. & R., C. R. of N. J., -----	133,324	34,477	7,034	174,835	160	428	1	7	-----	-----	76,720
Mill Creek Coal Co. Morea, -----	Schuylkill, -----	{ L. V., ----- Penna., -----	112,107	2,169	1,001	115,277	168	393	1	1	-----	58,014	-----
Middle Lehigh, -----	Schuylkill, -----		29,053	135	-----	29,188	168	110	-----	-----	-----	18,593	-----
Wolf Creek, -----	Schuylkill, -----		27,818	2,789	-----	30,607	166	118	-----	-----	-----	26,763	-----
Total, -----	-----	-----	168,978	5,093	1,001	175,072	-----	621	1	1	-----	103,370	-----

*Not producing; old mine reopened in 1921.

EIGHTEENTH DISTRICT, 1922--Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used--pounds		
											Black powder	Dyna- mite	Per- missible
Philadelphia & Reading Coal & Iron Co.													
Silver Creek, -----	Schuylkill,	P. & R., -----	299,875	46,222	5,332	351,429	162	915		10		171,602	25
Eagle Hill, -----	Schuylkill,	P. & R., -----	160,608	48,335	8,644	217,587	160	787	1	9		70,760	54,765
Wadesville, -----	Schuylkill,	P. & R., -----	146,217	59,849	16,273	222,339	161	836	1	11		28,828	63,552
Reevesdale, -----	Schuylkill,	P. & R., -----	112,802	5,376	5	118,183	122	232		2	25	8,926	5,046
Pine Forest, -----	Schuylkill,	P. & R., -----	52,138	2,978	6	55,122	81	138				960	3,150
Schuylkill Washery, -----	Schuylkill,	P. & R., -----	771,640	162,760	30,260	964,660		2,908	2	32	25	281,076	126,540
Total, -----			47,657	1,437		49,094	70	67				175	
St. Clair Coal Co.													
St. Clair, -----	Schuylkill,	P. & R., -----	819,297	164,197	30,260	1,013,754		2,975	2	32	25	281,251	126,540
Schuylkill Valley Coal Co.													
Progressive, -----	Schuylkill,	P. & R., -----	233,862	14,000	7,834	255,696	218	652	2	5	5,650	103,664	
Thouron Coal Co.													
Thouron Washery, -----	Schuylkill,	P. & R., -----	25,144	3,360	3,098	31,602	168	95				9,400	1,750
Grand total, -----			27,423	320		27,743	139	18					
			1,994,386	303,572	61,226	2,359,184		7,018	11	56 ¹	5,675	701,004	440,150

¹Disability 60 days or more.

NINETEENTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Black Heath Coal Co. Black Heath, -----	Schuylkill, -----	Truck, -----	5,706	255	94	6,055	153	21	1				4,275
Buck Run Coal Co. Buck Run, -----	Schuylkill, -----	P. & R., -----	159,234	31,025	2,095	192,354	164	545	2	7		39,688	57,969
Butcher Creek Coal Co. Laurel Run, -----	Schuylkill, -----	P. & R., -----	9,168	1,500	32	10,700	158	40				325	1,090
Cullen Fuel Co., Inc. Wolf Creek Washery, -----	Schuylkill, -----	P. & R., -----	14,053	250		14,303	95	40					
Gardner Coal Co. Gardner Washery, -----	Schuylkill, -----	P. & R., -----	39,019	17		39,036	172	40					
Lytle Coal Co. Lytle, -----	Schuylkill, -----	Penna. & P. & R., -----	146,308	44,678	4,032	195,038	149	676	1	7		21,291	66,088
Lytle Washery, -----	Schuylkill, -----	Penna. & P. & R., -----	20,262	795		21,057	67	37					
Total, -----			166,570	45,473	4,032	216,095		713	1	7		21,291	66,088
P. & R. Coal & Iron Co. Otto, -----	Schuylkill, -----	P. & R., -----	108,046	50,601	1,903	160,550	161	626		8	75	20,953	30,104
John Veith, × Pine Knot, -----	Schuylkill, -----	P. & R., -----	17,531			17,531	161	78		2		25	6,275
Glendower, # Thomaston, # Phoenix Park, -----	Schuylkill, -----	P. & R., -----	112,925	45,570	15,208	173,703	161	502	1	8		51,500	42,904
			108,984	17,174		126,158	161	336		7		61,941	4,635
			117,637	34,216	1,408	153,261	161	186		2			
							160	512	5	4		3,834	72,779
Anchor Washery, -----	Schuylkill, -----	P. & R., -----	465,123	161,777	18,519	645,419		2,240	6	31	75	138,553	156,697
Total, -----			21,947	2,824		24,271	74	81				1,186	
			487,070	164,101	18,519	690,690		2,321	6	31	75	139,739	156,697

× Coal prepared at Otto Colliery.
Coal prepared at Pine Knot Colliery.

NINETEENTH DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
											Black powder	Dynamite	Permissible
Pine Hill Coal Co.													
Pine Hill, -----	Schuylkill, -----	Penna., -----	177,079	39,150	1,451	217,680	157	718	2	6	-----	22,165	61,804
Oak Hill, -----	Schuylkill, -----	Penna., -----	77,203	3,680	108	80,996	80	470	1	4	-----	4,196	25,650
Total, -----	-----	-----	254,287	42,830	1,559	298,676	-----	1,188	3	10	-----	26,361	87,454
Repplier Coal Co.													
New Castle, -----	Schuylkill, -----	Penna., -----	100,020	18,000	951	118,971	161	366	1	1	-----	23,464	7,510
Sherman Coal Corp.													
Sherman, -----	Schuylkill, -----	Truck, -----	13,563	-----	20,000	38,563	249	62	-----	-----	-----	11,352	11,352
York Farm Coal Co.													
York Farm Washery, -----	Schuylkill, -----	L. V., -----	93,467	52	10,688	104,207	285	34	-----	-----	-----	50	-----
Grand total, -----	-----	-----	1,347,157	303,503	57,990	1,708,650	-----	5,870	14	56 ¹	75	262,270	392,345

¹Disability 60 days or more.

TWENTIETH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
P. & R. Coal & Iron Co.	Schuylkill.	P. & R.	141,461	43,263	95	184,819	163	648	1	10		120,685	1,127
Tunnel Ridge.													
Mahanoy City.													
North Mahanoy.													
Boston Run.													
Ellangowan.													
Knickerbocker, #													
Saint Nicholas.													
Suffolk, #													
Maple Hill.													
Washeries	Schuylkill,	P. & R.	1,171,571	275,671	33,925	1,481,167		5,227	10	77	100	570,455	37,690
Knickerbocker, *													
North Mahanoy.	Schuylkill,	P. & R.	64,401		257	64,658	127	19					
Total.			1,235,972	275,671	34,182	1,545,825		5,246	10	77	100	570,455	37,690
Lehigh Valley Coal Co.	Schuylkill,	L. V.	230,975	41,987	5,366	278,328	157	891	4	1	25	63,430	92,018
Park.													
Springdale Washery.	Schuylkill,	L. V.	8,720	202		8,922	19	44					
Total.			239,695	42,189	5,366	287,250		935	4	1	25	63,430	92,018
Grand total.			1,475,667	317,860	39,548	1,833,075		6,181	14	78 ¹	125	633,885	129,708

*Idle.
 # Coal prepared at Ellangowan Colliery.
 # Coal prepared at Saint Nicholas Colliery.
¹Disability 60 days or more.

TWENTY-FIRST DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total production (gross tons)	Days worked	Employees	Fatal accidents	Serious non-fatal accidents	Explosives used—pounds		
Lehigh Valley Coal Co. Packer No. 4, ----- Packer No. 5, -----	Schuylkill, Schuylkill, -----	L. V., ----- L. V., -----	308,027 270,173	39,031 30,871	2,084 2,809	349,092 303,853	156 154	888 724	----- 2	7 7	----- -----	----- -----	122,525 144,840
Total, -----	-----	-----	578,200	69,902	4,843	652,945	-----	1,607	2	14	-----	-----	267,865
Locust Mountain Coal Co. Weston, -----	Schuylkill, -----	L. V., -----	433,502	7,159	5,175	445,836	168	877	4	6	31,850	262,013	-----
P. & R. Coal & Iron Co. Hammond, ----- Indian Ridge, # ----- West Shenandoah, -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, -----	P. & R., ----- P. & R., ----- P. & R., ----- P. & R., -----	141,022 91,721	55,183 19,889	5,997	202,202 111,610	165 163	660 430	----- 1	8 4	----- -----	53,953 26,280	39,862 7,525
Kohinoor, ----- Turkey Run, ----- Shenandoah City, -----	Schuylkill, Schuylkill, Schuylkill, -----	P. & R., ----- P. & R., ----- P. & R., -----	300,975 81,894	46,928 32,589	60 33,022	347,963 152,505	163 163	195 505	----- 3	3 12	----- -----	18,538 55,840	----- 4,912
Plank Ridge Washery, -----	Schuylkill, -----	P. & R., -----	615,612 22,408	154,580 1,673	44,079 24	814,230 24,105	----- 67	2,990 76	5 -----	44 1	----- -----	202,717 400	52,299
Total, -----	-----	-----	638,020	156,262	44,103	838,385	-----	3,066	5	45	-----	203,117	52,299
Raven Run Coal Co. Raven Run, -----	Schuylkill, -----	P. & R., -----	102,235	2,725	640	105,600	164	268	3	1	3,850	22,641	20,691
Susquehanna Collieries Co. William Penn, -----	Schuylkill, -----	Penna., -----	118,985	24,274	1,585	144,744	150	483	-----	3	-----	78,279	-----
Thomas Colliery Co. Kahley Run, ----- Black Creek Washery No. 1, Black Creek Washery No. 2,	Schuylkill, Schuylkill, Schuylkill, -----	P. & R., ----- P. & R., ----- P. & R., -----	156,430 159,012 29,537	1,482 3,963 375	842 331	158,754 163,303 29,912	161 226 164	428 180 43	----- ----- -----	2 ----- -----	----- ----- -----	13,945 3,484 1,161	38,520
Total, -----	-----	-----	133,549	4,338	331	138,218	-----	223	-----	-----	-----	4,645	-----
Grand total, -----	-----	-----	344,979	5,820	1,173	351,972	-----	651	-----	2	-----	18,500	38,520
#Coal prepared at Shenandoah City Colliery.	-----	-----	2,215,871	266,142	57,469	2,539,482	-----	6,952	14	71 ¹	35,700	584,640	378,875

¹Disability 60 days or more.

TWENTY-SECOND DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
East Bear Ridge Colliery Co.													
East Bear Ridge, -----	Schuylkill,	P. & R., -----	154,360	7,200	3,835	165,395	165	450				67,850	
Girardville Mining Co.													
Girard, -----	Schuylkill,	P. & R., -----	55,881	20,487		76,368	147	301		1		36,647	5,400
Harleigh-Brookwood Coal Co.													
Lawrence, -----	Schuylkill,	(P. & R., -----) (Penna., -----)	217,151	16,850		234,001	169	762	1	3		125,225	11,342
Laurel Coal Mining Co.													
Bickel, -----	Schuylkill,	P. & R., -----	18,948	215		19,163	151	66				15,400	1,000
Lehigh Valley Coal Co.													
Sayre, -----	Northumberland,	L. V., -----	185,586	45,071	7,160	237,817	153	840	2	6		168,701	
Centralia, -----	Columbia,	L. V., -----	162,182	24,330	3,987	190,399	120	803	1	4		174,125	
Continental Washery													
	Columbia,	L. V., -----	347,768	69,301	11,147	428,216		1,043	3	10		342,826	
Total, -----			86,371	997	449	37,817	63	30					
Midvalley Coal Co.													
	Columbia,	L. V., -----	384,139	70,298	11,596	466,033		1,673	3	10		342,826	
P. & R. Coal & Iron Co.													
Potts, -----	Columbia,	L. V., -----	111,131	30,487	5,500	147,118	158	433		2		74,125	14,650
Bast, -----	Columbia,	P. & R., -----	177,622	55,493	10,989	244,104	164	813		20		44,085	74,653
Gilberton, -----	Schuylkill,	P. & R., -----	150,666	45,986	12,549	209,151	167	697		11		97,989	17,600
Draper, -----	Schuylkill,	P. & R., -----	106,146	57,348	7,627	171,121	162	616		9		88,286	160
Bancroft, -----	Schuylkill,	P. & R., -----	77,101	20,385		97,486	155	448	2	2		78,105	
	Schuylkill,	P. & R., -----	73,537	5,258	10	78,805	99	217	1	2	5,550	21,983	
Total, -----			585,072	184,420	31,175	893,667		2,791	3	44	5,550	330,448	92,353

TWENTY-SECOND DISTRICT, 1922—Concluded

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Reppier Coal Co.	Columbia, Columbia,	P. & R., P. & R.,	90,254 53,788 144,042	77 210 287	91	90,331 54,089 144,420	176 153	45 45					
Locust Run Washery,													
Locust Dale Washery,													
Total,					91	144,420		90					
Grand total,			1,670,724	330,244	52,197	2,053,165		6,566	7	60 ¹	5,550	992,521	124,745

¹Disability 60 days or more.

TWENTY-THIRD DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Colonial Colliery Co. Natalie, -----	Northumberland, -	P. & R., -----	210,384	14,065	1,318	225,767	163	665	1		147,355		
Excelsior Coal Co. Corbin, -----	Northumberland, -	P. & R., -----	114,500	5,000	500	120,000	151	278	1		15,675		26,925
Greenough Red Ash Coal Co. Greenough, -----	Northumberland, -	Penna., -----	121,166	16,022	2,741	139,929	166	515				89,126	47,230
P. & R. Coal & Iron Co. Alaska, -----	Northumberland, -	P. & R., -----	204,739	32,335	182	237,256	164	867	1	15		149,912	4,750
Locust Gap, -----	Northumberland, -	P. & R., -----	266,169	85,438	2,371	353,978	160	1,180	3	13		203,875	17,687
Reliance, -----	Northumberland, -	P. & R., -----	136,406	35,866	34,469	206,741	155	620	1	5		84,460	56,588
Total, -----			607,314	153,639	37,022	797,975		2,667	5	33		438,247	79,025
Shamokin Red Ash Coal Co. Evans Washery, -----	Northumberland, -	Penna., -----	50,735	3,200		53,935	139	51					
Susquehanna Collieries Co. Pennsylvania, -----	Northumberland, -	Penna., -----	176,089	44,307	6,755	227,151	151	878	1	8		27,670	123,925
Richards, -----	Northumberland, -	Penna., -----	136,104	42,001	23	178,128	150	808		4		42,249	125,725
Scott, -----	Northumberland, -	Penna., -----	171,308	45,135	5,579	222,022	149	724	2	5		38,025	73,000
Hickory Ridge Washery	Northumberland, -	Penna., -----	488,501	131,443	12,357	627,301		2,410	3	17		107,944	332,650
Total, -----			61,364	3,895		65,259	153	42					
Grand total, -----			544,865	135,338	12,357	692,560		2,452	3	17		107,944	332,650
			1,643,964	327,264	53,938	2,030,166		6,628	10	50 ¹	15,675	782,672	485,530

¹Disability 60 days or more.

TWENTY-FOURTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
Buck Ridge Coal Mining Co.	Northumberland,	Penna. P. & R.	69,046	30,000	3,480	102,526	157	376	---	1	---	40,850	---
Buck Ridge, ----- Enterprise Coal Co.	Northumberland,	P. & R., -----	110,326	52,555	824	163,705	154	527	1	2	27,575	8,772	92,071
Enterprise, -----													
P. & R. Coal & Iron Co.	Northumberland,	P. & R., -----	218,329	30,176	7,565	256,070	159	794	1	8	---	178,839	---
North Franklin, -----	Northumberland,	P. & R., -----	185,619	31,563	5,622	222,804	160	766	---	15	---	158,345	---
Bear Valley, -----	Northumberland,	P. & R., -----	---	---	---	---	---	---	1	9	18,400	100,344	---
Burnside, -----	Northumberland,	P. & R., -----	185,877	49,619	21,569	257,065	160	941	---	8	6,625	27,050	16,855
Stirling, -----	Northumberland,	P. & R., -----	---	---	---	---	---	---	---	3	---	43,190	32,925
Henry Clay, -----	Northumberland,	P. & R., -----	123,378	49,651	36,926	209,955	158	802	---	7	---	70,418	---
Big Mountain, -----													
Total, -----			713,203	161,009	71,682	945,894	---	3,302	2	50	25,025	578,186	49,780
Shipman Coal Co.	Northumberland,	Penna., -----	76,472	19,200	759	96,431	147	428	2	1	---	17,900	31,250
Glenbrook, -----													
Superior Anthracite Coal Co.	Northumberland,	P. & R., -----	700	350	---	1,050	82	37	---	---	250	175	100
Slope Mountain, -----													
Susquehanna Collieries Co.	Northumberland,	Penna., -----	131,582	15,913	3,919	151,414	150	650	2	10	75	29,270	55,750
Cameron, -----	Northumberland,	Penna., -----	168,976	21,904	5,211	196,091	152	686	---	5	25	49,328	55,751
Luke Fidler, -----													
Total, -----			300,558	37,817	9,130	347,505	---	1,335	2	15	100	78,598	111,501
Trevorton Colliery Co.	Northumberland,	P. & R., -----	75,896	7,981	667	84,544	133	211	1	---	---	9,155	30,950
Katherine, -----													
Grand total, -----			1,346,201	308,912	86,542	1,741,655	---	6,217	8	69 ¹	52,950	733,636	315,652

¹Disability 60 days or more.

TWENTY-FIFTH DISTRICT, 1922

Operators and collieries	County	Railroad to mine	Tons shipped to market	Tons used at collieries	Tons sold locally	Total pro- duction (gross tons)	Days worked	Em- ployes	Fatal acci- dents	Serious non- fatal acci- dents	Explosives used—pounds		
											Black powder	Dyna- mite	Per- missible
P. & R. Coal & Iron Co. Lincoln, ----- Brookside, ----- Good Spring, ----- Valley View, # ----- Middle Creek, ----- Tower City, # -----	Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill, Schuylkill,	P. & R., P. & R., P. & R., P. & R., P. & R., P. & R.,	156,934 157,648 121,461 97,814 50,733 93,942	70,021 46,755 59,060 2,732	5,303 5,886 9,953 1,524	232,258 210,289 190,474 97,814 54,989 93,942	154 164 164 164 108 164	998 973 594 309 303 298	1 ----- 1 ----- ----- 1	6 5 3 1 ----- -----	900 ----- ----- ----- ----- -----	91,243 69,274 62,954 101,525 16,065 89,925	7,975 ----- 6,725 ----- ----- ----- -----
Washeries Rausch Creek, ----- Lincoln, -----	Schuylkill, Schuylkill,	P. & R., P. & R.,	1,919 54,534	----- -----	25 302	1,944 54,836	× 96	11 81	----- -----	----- 1	----- -----	50 -----	----- -----
Total, -----			56,453	-----	327	56,780	-----	92	-----	1	-----	50	-----
Susquebanna Collieries Co. Williamstown, ----- Short Mountain, -----	Dauphin, Dauphin,	Penna., Penna.,	734,985 152,506 219,220	178,568 21,714 46,568	22,993 6,155 18,338	936,516 180,465 284,126	----- 154 150	3,567 921 925	3 1 -----	16 5 9	900 ----- -----	431,036 40,275 -----	14,700 112,937 -----
Washeries Williamstown, ----- Bear Valley Banks, ----- Short Mountain, -----	Dauphin, Dauphin, Dauphin,	Penna., Penna., Penna.,	371,916 22,522 3,806 34,921	68,282 15,572 302 71,146	24,403 ----- ----- -----	464,591 38,094 4,108 106,067	----- 175 14 16	1,846 15 8 28	1 ----- ----- -----	14 ----- ----- -----	----- ----- ----- -----	40,275 ----- ----- -----	112,937 ----- ----- -----
Total, -----			61,249	87,020	-----	148,269	-----	51	-----	-----	-----	-----	-----
Grand total, -----			433,065	155,302	24,403	612,860	-----	1,897	1	14	-----	40,275	112,987
			1,108,050	333,870	47,486	1,549,406	-----	5,464	4	30 ¹	900	471,311	127,637

x Washery did not operate; loaded stored coal.

* Coal prepared at Good Spring Colliery.

Coal prepared at Brookside Colliery.

¹ Disability 60 days or more.

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Nationality of persons fatally injured; by counties, 1921-1922	10-11
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Inspection Districts 1921-1922

1st District, Benjamin Maxey*,	Inspector, Forest City	26-63
2nd District, P. J. Moore,	Inspector, Carbondale,	28-65
3rd District, L. M. Evans,	Inspector, Scranton,	30-67
4th District, Jenkin T. Reese,	Inspector, Scranton,	31-68
5th District, S. J. Phillips,	Inspector, Scranton,	33-69
6th District, D. T. Williams,	Inspector, Scranton,	34-70
7th District, Augustus McDade,	Inspector, Taylor,	36-72
8th District, Robert Johnson,	Inspector, Pittston,	37-73
9th District, Edwin C. Curtis,	Inspector, Kingston	38-74
10th District, John B. Corgan,	Inspector, Kingston	40-76
11th District, Thomas J. Williams,	Inspector, Wilkes Barre ...	42-78
12th District, D. T. Davis,	Inspector, Wilkes Barre ...	43-79
13th District, Frank Kettle,	Inspector, Wilkes Barre ...	44-81
14th District, Joseph J. Walsh,	Inspector, Nanticoke	45-82
15th District, David J. Roderick,	Inspector, Hazleton	46-84
16th District, J. J. Stickler,	Inspector, Hazleton	48-86
17th District, Isaac M. Davies,	Inspector, Lansford	50-88
18th District, Evan G. Evans,	Inspector, Coaldale	51-89
19th District, Michael J. Brennan,	Inspector, Pottsville	53-91
20th District, P. C. Fenton,	Inspector, Mahanoy City ..	55-93
21st District, A. B. Lamb,	Inspector, Shenandoah	56-94
22nd District, Wm. Reid,	Inspector, Centralia	58-95
23rd District, B. I. Evans,	Inspector, Mt. Carmel	60-97
24th District, P. J. Friel,	Inspector, Shamokin	61-98
25th District, Charles J. Price,	Inspector, Lykens	62-99

*Died September 14, 1922.

Operators and Addresses

Operator	Address of Gen. Supt.	Page
Acker & Others, Warren T.	Scranton	67
Alden Coal Co.	Alden Station	45-82
Alliance Coal Mining Co.	Lansford	51-89
Amerman Coal Co.	Scranton	65
Archbald Coal Co.	Scranton	28-65
Bald Mountain Coal Co.	Peckville	34-70
Barton Coal Co.	Scranton	26-63
Beaver Valley Coal Co.	Wilkes-Barre	48-86
Bergen Coal Co.	Pottsville	51-89
Black Diamond Fuel Co.	Scranton	33-69
Black Heath Coal Co.	Minersville	53-91
Blakely Red Ash Coal Co.	Peckville	63
Boland Coal Co., John J.	Dunmore	34-70
Bright Coal Co.	Scranton	26
Buck Ridge Coal Mining Co.	Shamokin	61-98
Buck Run Coal Co.	Minersville	53-91
Butcher Creek Co.	St. Clair	53
Butcher Creek Coal Co.	St. Clair	91
Cambridge Coal Co.	Pottsville	56
Campion Coal Co.	Mahanoy City	48-86
Candlemas Collieries Co.	Hazleton	86
Carbondale Coal Mining Co.	Carbondale	26-63
Carney & Brown Coal Co.	Dunmore	34-70
Central Coal Co.	Wilkes-Barre	40-76
Clifford Coal Co.	Forest City	63
Colonial Colliery Co.	Frackville	60-97
Conlen, John	Hudson	40-76
Connell Anthracite Coal Co.	Scranton	63
Connell Anthracite Mining Co.	Scranton	26
Coxe Brothers & Co., Inc.	Wilkes-Barre	46-48-84-86
Cranberry Creek Coal Co.	Lansford	48-86
Cullen Fuel Co., Inc.	Plymouth	79-91
Darkwater Coal Co.	Minersville	53
Decker Coal Co., H. P.	Scranton	67
Dennington Coal Co.	Scranton	72
Dodson & Co., Charles M.	Shenandoah	48-86
East Alden Mining Co.	Scranton	45-82
East Bear Ridge Colliery Co.	Scranton	58-95
East Boston Coal Co.	Kingston	40-76
East Lehigh Coal Co.	Tamaqua	51
East Point Coal Co.	Freeland	46-84
Eclipse Coal Co.	Peckville	29
Enterprise Coal Co.	Scranton	60-98
Evans Colliery Co.	Luzerne	48-86
Excelsior Coal Co.	Shamokin	60-97
Fireside Coal Co.	Scranton	29
Gardner Coal Co.	Pottsville	53-91
Gibbons Coal Co., John	Scranton	33-69

Operator

Address of
Gen. Supt.

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Girardville Mining Co.	Hazleton	59-95
Glen Alden Coal Co.	Scranton ..30-31-33-34-36-40-43-44-45 67-68-69-70-72-76-79-81-82	
Gorman & Champion Coal Co.	Silver Creek	51-89
Greenough Red Ash Coal Co.	Frackville	60-97
Green Ridge Coal Co.	Scranton	31-68
Grove Hill Coal Co.	Peckville	26-63
Haddock Mining Co.	Luzerne	40-76
Harleigh-Brookwood Coal Co.	Frackville	58-95
Harris-Denly Coal Co.	Forty Fort	38-74
Harwood Coal Co.	Hazleton	48-86
Healey Coal Co.	Plains	39-40-74-76
Hillman Coal Co.	Wilkes-Barre	42-78
Hillside Coal & Iron Co.	Dunmore26-28-36-37-63-65-72 73	
Hillside Coal & Supply Co.	Simpson	63
Hudson Coal Co.	Scranton ..26-28-30-31-33-34-37-40-42- 43-51-63-65-67-68-69-70-73-76-78-79-89	
Humbert Coal Co.	Jessup	28-65
Inter-City Fuel Co., Inc.	New York, N. Y.	43-53
Jeddo-Highland Coal Co.	Jeddo	46-84
Jermyn & Co.	Scranton	36-72
John-Ames Coal Co.	Forty Fort	39-74
John-Fib Coal Co.	Forty Fort	39-74
Johnson Coal Co.	Jermyn	65
Kemmerer & Co., M. S.	Pottsville	46-84
Kingston Coal Co.	Kingston	38-43-74-79
Kirby & Sons, Inc., J. W.	Scranton	26
Lackawanna Coal Co., Ltd.	Scranton	26-63
Lackawanna Fuel Co.	Scranton	31-68
Lackawanna Coal Mining Co.	Peckville	65
Larksville Coal Co.	Scranton	79
Laurel Coal Mining Co.	Mowry	58-95
Lee Coal Co., George F.	Wilkes-Barre	44-81
Legitts Creek Anthracite Co.	Shamokin	30-67
Lehigh & Wilkes-Barre Coal Co.	Wilkes-Barre	42-43- 44-45-48-78-80-81-82-86
Lehigh Coal & Navigation Co.	Lansford	50-51-88-89
Lehigh Valley Coal Co.	Wilkes-Barre 38-41-42-44-46-49-51-55- 56-58-74-76-78-81-84-87-89-93-94-95	
Locust Mountain Coal Co.	Shenandoah	56-94
Lytle Coal Co.	Wilkes-Barre	53-91
Maryd Coal Co.	Hazleton	51-89
Mid-City Coal Co.	Scranton	30-67
Midvalley Coal Co.	Hazleton	59-95
Mill Creek Coal Co.	Frackville	51-89
Moffat, W. Y.	Minooka	33-69
Moffat Coal Co., W. Y.	Minooka	69
Mount Jessup Coal Co., Ltd.	Peckville	26-34-64-70
Mount Lookout Coal Co.	Scranton	38-75
Murray B. Coal Co.	Carbondale	64

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Murrin Coal Co.	Carbondale	29-65
Nanticoke Valley Coal Co.	Nanticoke	82
Nay-Aug Coal Co.	Dunmore	34-70
Northern Anthracite Coal Co.	Mildred	26-64
Oak Hill Coal Co.	Minersville	53
Pardee Brothers & Co., Inc.	Lattimer Mines	46-85
Park Hill Coal Co.	Scranton	69
Pennsylvania Coal Co.	Scranton	31-34-36-37-68-70-72-73
Petersburg Coal Co.	Scranton	31-68
Philadelphia & Reading Coal & Iron Co.	Pottsville	52-54-55-56-58-60-61-62- 90-91-93-94-95-97-98-99
Pine Hill Coal Co.	Minersville	54-92
Pittston Coal Mining Co.	Pittston	44-81
Pleasant Mount Coal Co.	Scranton	30
Plymouth Red Ash Coal Co.	Scranton	43-80
Powell & Jennings	Minooka	69
Price-Pancoast Coal Co.	Scranton	31-68
Quinn Coal Co.	Scranton	34-37-70
Racket Brook Coal Co.	Carbondale	27-64
Raub Coal Co.	Luzerne	41-77
Raven Run Coal Co.	Hazleton	56-94
Reap-Murphy Coal Co.	Scranton	72
Red Ash Coal Co.	Wilkes-Barre	42-78
Reese & Son, Thomas R.	Audenried	49
Repplier Coal Co.	Minersville	59-92-96
Rhondda Coal Co.	Scranton	29-66
Richmondale Coal Co.	Richmondale	27-64
Robertson Coal Co.	Scranton	27-64
Rose Coal Co.	Scranton	66
Saint Clair Coal Co.	Pottsville	52-90
Schlosser, Trustee, M.	Forest City	27
Schuylkill Valley Coal Co.	Pottsville	52-90
Scranton Anthracite Briquette Co.	Dickson City	71
Scranton Anthracite Coal Co.	Scranton	33-35-69-71
Scranton Coal Co.	Peckville ..	27-28-32-34-64-66-67-68-70
Se-Rob Coal Co.	Scranton	32-68
Shamokin Red Ash Coal Co.	Shamokin	60-97
Sherman Coal Corporation	Pottsville	54-92
Shipman Coal Co.	Shenandoah	61-98
Slocum Hollow Coal Co.	Scranton	69
Spencer Coal Co.	Scranton	35-71
Stackhouse Coal Co., E. S.	Shickshinny	45-82
Staples & Bell, Inc., & Dexter & Carpenter Inc.	Scranton	32
Suffolk Coal Co.	Scranton	36-72
Superior Anthracite Coal Co.	Peckville	64-98
Susquehanna Collieries Co.	Wilkes-Barre	45-56- 60-61-62-83-94-97-98-99
Temple Coal Co.	Scranton	27-28-38-64-66-75
Thomas Colliery Co.	Frackville	57-94

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Traders Coal Co.	Scranton	41-77
Trevorton Colliery Co.	Shamokin	61-98
Upper Lehigh Coal Co.	Hazleton	47
Van Wickle Estate, A. S.	Hazleton	49-87
Von Storch Collieries Co.	Scranton	30-67
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Wentz & Co., J. S.	Hazleton	47-85
West End Coal Co.	Scranton	45-83
West Nanticoke Coal Co.	Philadelphia	44-81
Wilkes-Barre Colliery Co.	Frackville	41-77
Wolf Collieries Co., Inc.	Freeland	47-85
York Farm Coal Co.	Philadelphia	54-92

